

## Adiponectin Receptor 2 (ADIPOR2) Recombinant Protein | ADIPOR2 recombinant protein

Recombinant Adiponectin Receptor 2 (ADIPOR2)

|                               |                       |                                           |                                               |
|-------------------------------|-----------------------|-------------------------------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA134321</b> | HOST<br><b>E.coli</b> | REACTIVITY<br><b>Homo sapiens (Human)</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-------------------------------------------|-----------------------------------------------|

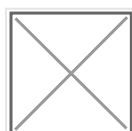
### PRODUCT SYNONYMS

Adiponectin Receptor 2 (ADIPOR2); Recombinant Adiponectin Receptor 2 (ADIPOR2); ADIPOR2 recombinant protein

### PRODUCT SPECIFICATIONS

|                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                    | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Reactivity                                              | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Purity/Purification                                     | > 95%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Form/Format                                             | 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Concentration                                           | Original Concentration: 150ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Sequence                                                | NEPTENRLGC SRTPEPDIRL RKGHQLDGTR RGDNDSHQGD LEPILEASVL SSHHKKSSEE HEYSDEAPQE<br>DEGFMGMSPL LQAHAMEKM EEFVCKVWEG RWRVIPHDVL PDWLKDNDFL LHGHRPPMPS FRACFKSIFR<br>IHTETGNIWT HLLG                                                                                                                                                                                                                                                                                                                                                           |
| Applicable Applications for ADIPOR2 recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Source                                                  | Prokaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Residues                                                | Asn2~Gly155                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Tags                                                    | N-terminal His and GST Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Subcellular Location                                    | Membrane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Traits                                                  | Freeze-dried powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Predicted isoelectric point                             | 6.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Usage                                                   | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Preparation and Storage                                 | <p><b>Storage:</b><br/>Avoid repeated freeze/thaw cycles.<br/>Store at 2-8 degree C for one month.<br/>Aliquot and store at -80 degree C for 12 months.</p> <p><b>Stability Test:</b><br/>The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.</p> |

### IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 38261973                                                                                                           |
| NCBI GeneID                      | 79602                                                                                                              |
| NCBI Accession #                 | NP_078827.2                                                                                                        |
| NCBI GenBank Nucleotide #        | NM_024551.2                                                                                                        |
| UniProt Accession #              | Q86V24; Q53YY5; Q9H737                                                                                             |
| Molecular Weight                 | Predicted Molecular Mass: 47.8kDa<br>Accurate Molecular Mass: 48kDa as determined by SDS-PAGE reducing conditions. |
| NCBI Official Full Name          | adiponectin receptor protein 2                                                                                     |
| NCBI Official Synonym Full Names | adiponectin receptor 2                                                                                             |
| NCBI Official Symbol             | ADIPOR2                                                                                                            |
| NCBI Official Synonym Symbols    | PAQR2; ACDCCR2                                                                                                     |
| NCBI Protein Information         | adiponectin receptor protein 2; progestin and adipoQ receptor family member II                                     |
| UniProt Protein Name             | Adiponectin receptor protein 2                                                                                     |
| UniProt Gene Name                | <b>ADIPOR2</b>                                                                                                     |
| UniProt Synonym Gene Names       | PAQR2                                                                                                              |
| UniProt Entry Name               | ADR2_HUMAN                                                                                                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/adipor2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134321>