

## Erythropoietin Receptor (EPOR) Recombinant Protein | EPOR recombinant protein

Recombinant Erythropoietin Receptor (EPOR)

|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA134459</b> | HOST<br><b>E Coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

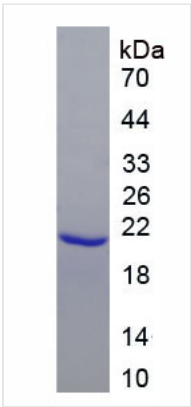
### PRODUCT SYNONYMS

Erythropoietin Receptor (EPOR); Recombinant Erythropoietin Receptor (EPOR); EPOR recombinant protein

### PRODUCT SPECIFICATIONS

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                 | E Coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Purity/Purification                                  | > 90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Concentration                                        | Original Concentration: 200 ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Applicable Applications for EPOR recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Organism Species                                     | Rattus norvegicus (Rat)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Source                                               | Prokaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Residues                                             | Leu314~Tyr467                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Tags                                                 | N-terminal His Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Subcellular Location                                 | Membrane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Traits                                               | Freeze-dried powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Buffer formulation                                   | 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Predicted isoelectric point                          | 4.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Predicted Molecular Mass                             | 18.2kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Accurate Molecular Mass                              | 21kDa as determined by SDS-PAGE reducing conditions.                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 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>Storage: Avoid repeated freeze/thaw cycles.<br/>Store at 2-8°C for one month.<br/>Aliquot and store at -80°C for 12 months.</p> <p>Stability Test: 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°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 #                        | 729431                         |
| NCBI GeneID                      | 24336                          |
| UniProt Accession #              | Q07303                         |
| NCBI Official Full Name          | Erythropoietin receptor        |
| NCBI Official Synonym Full Names | erythropoietin receptor        |
| NCBI Official Symbol             | Epor                           |
| NCBI Protein Information         | erythropoietin receptor; EPO-R |
| UniProt Protein Name             | Erythropoietin receptor        |
| UniProt Gene Name                | Epor                           |
| UniProt Synonym Gene Names       | EPO-R                          |
| UniProt Entry Name               | EPOR_RAT                       |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/epor-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134459>