

## Family With Sequence Similarity 132, Member A (FAM132A) Recombinant Protein | FAM132A recombinant protein

Recombinant Family With Sequence Similarity 132, Member A (FAM132A)

|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA134493</b> | HOST<br><b>E.coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

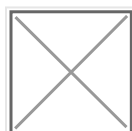
### PRODUCT SYNONYMS

Family With Sequence Similarity 132; Member A (FAM132A); Recombinant Family With Sequence Similarity 132; FAM132A recombinant protein

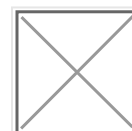
### PRODUCT SPECIFICATIONS

|                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                    | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Purity/Purification                                     | > 97%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Form/Format                                             | Freeze-dried powder; 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Concentration                                           | 150ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Applicable Applications for FAM132A recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Source                                                  | Prokaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Residues                                                | Gly92~Gln241                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Tags                                                    | N-terminal His Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Subcellular Location                                    | Secreted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Predicted isoelectric point                             | 8.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 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



Identification



Gene Sequence



SDS-PAGE

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 121949746                                                                                                                  |
| NCBI GeneID                      | 388581                                                                                                                     |
| NCBI Accession #                 | NP_001014980.1                                                                                                             |
| NCBI GenBank Nucleotide #        | NM_001014980.2                                                                                                             |
| UniProt Accession #              | Q5T7M4; Q5EBL5                                                                                                             |
| Molecular Weight                 | Predicted Molecular Mass: 17.5kDa<br>Accurate Molecular Mass: 16kDa as determined by SDS-PAGE reducing conditions.         |
| NCBI Official Full Name          | protein FAM132A                                                                                                            |
| NCBI Official Synonym Full Names | family with sequence similarity 132, member A                                                                              |
| NCBI Official Symbol             | FAM132A                                                                                                                    |
| NCBI Official Synonym Symbols    | C1QDC2; CTRP12; C1QTNF12                                                                                                   |
| NCBI Protein Information         | protein FAM132A; adipolin; C1q domain containing 2; C1q/TNF-related protein 12; adipose-derived insulin-sensitizing factor |
| UniProt Protein Name             | Protein FAM132A                                                                                                            |
| UniProt Gene Name                | FAM132A                                                                                                                    |
| UniProt Synonym Gene Names       | C1QDC2; CTRP12                                                                                                             |
| UniProt Entry Name               | F132A_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/fam132a-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134493>