

## Myoferlin (MYOF) Recombinant Protein | MYOF recombinant protein

Recombinant Myoferlin (MYOF)

|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA149302</b> | HOST<br><b>E.coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

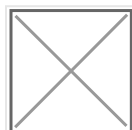
### PRODUCT SYNONYMS

Myoferlin (MYOF); Recombinant Myoferlin (MYOF); FER1L3; Fer-1-Like 3; MYOF recombinant protein

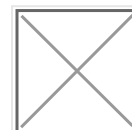
### PRODUCT SPECIFICATIONS

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                 | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Purity/Purification                                  | > 90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Form/Format                                          | 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Concentration                                        | Original Concentration: 80ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Applicable Applications for MYOF recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Organism Species                                     | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Source                                               | Prokaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Residues                                             | Thr1126~Ile1638                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Tags                                                 | N-terminal His Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Subcellular Location                                 | Membrane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Traits                                               | Freeze-dried powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Predicted isoelectric point                          | 5.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Usage                                                | Reconstitute in ddH2O 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


Gene Sequence  
Gene Sequencing (extract)



Sequence

## ADDITIONAL INFORMATION

Product Categories/Family for MYOF recombinant protein      [Metabolic pathway](#)

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">20139241</a>                                                                                              |
| NCBI GeneID                      | <a href="#">26509</a>                                                                                                 |
| UniProt Accession #              | <a href="#">Q9NZM1</a>                                                                                                |
| Molecular Weight                 | Predicted Molecular Mass: 62.4kDa<br>Accurate Molecular Mass: 62/44kDa as determined by SDS-PAGE reducing conditions. |
| NCBI Official Full Name          | Myoferlin                                                                                                             |
| NCBI Official Synonym Full Names | myoferlin                                                                                                             |
| NCBI Official Symbol             | MYOF                                                                                                                  |
| NCBI Official Synonym Symbols    | FER1L3                                                                                                                |
| NCBI Protein Information         | myoferlin                                                                                                             |
| UniProt Protein Name             | Myoferlin                                                                                                             |
| UniProt Gene Name                | <b>MYOF</b>                                                                                                           |
| UniProt Synonym Gene Names       | FER1L3; KIAA1207                                                                                                      |
| UniProt Entry Name               | MYOF_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/myof-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/149302>