

## Mesothelin (MSLN) Recombinant Protein | MSLN recombinant protein

Eukaryotic Mesothelin (MSLN)

|                               |                          |                                               |
|-------------------------------|--------------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA152073</b> | HOST<br><b>293F cell</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|--------------------------|-----------------------------------------------|

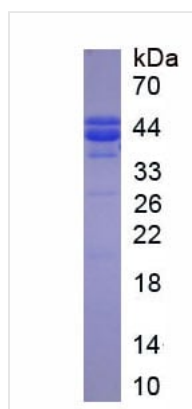
### PRODUCT SYNONYMS

Mesothelin (MSLN); Eukaryotic Mesothelin (MSLN); MSLN/Mesothelin; SMR; MPF; CAK1; Pre-pro-megakaryocyte-potentiating factor; Megakaryocyte-potentiating factor; MSLN recombinant protein

### PRODUCT SPECIFICATIONS

|                                                      |                                                                                                              |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                                                 | 293F cell                                                                                                    |
| Purity/Purification                                  | Greater than 95% by SDS-PAGE                                                                                 |
| Form/Format                                          | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.<br>Freeze-dried powder               |
| Sequence                                             | Glu296~Ser 606                                                                                               |
| Applicable Applications for MSLN recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                     |
| Expression System                                    | Eukaryotic expression                                                                                        |
| Species                                              | Human                                                                                                        |
| Isoelectric Point                                    | 5                                                                                                            |
| Tag                                                  | N-terminal His Tag                                                                                           |
| Endotoxin Level                                      | <1.0EU per 1ug (determined by the LAL method)                                                                |
| Reconstitution                                       | Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0mg/mL. Do not vortex.                          |
| Subcellular Location                                 | Membrane, Secreted                                                                                           |
| Preparation and Storage                              | Store at 2-8 degree C for one month, -80 degree C for 12 months<br>Stable for 12 months if correctly stored. |

### IMAGES



Sequence

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EVEKT
ACPSGKKARE IDSELIFYKK WELEACVDAA LLATQMDRVN AIPFTYEQLD
VLKHKLDELY PQGYPEVSIQ HLGYLFLKMS PEDIRKWNVT SLETLKALLE
VNKGHEMSPQ APRRPLPQVA TLIDRFVKGR QQLDKDTLDT LTAFYPGYLC
SLSPHEELSSV PPSSIWAVRP QQLDTCDPQK LDVLYPKARL AFQNMNGSEY
FVKIQSFLGG APTEDLKALS QQNVSMDLAT FFKLRTDAVL PLTVAEVOKL
LGPHVEGLKA EERHRPVRDW ILRQRQDDL TLGLGLGGI PNGYLVLDLS
MQEALS

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ADDITIONAL INFORMATION

|                                                        |                                                       |
|--------------------------------------------------------|-------------------------------------------------------|
| Product Categories/Family for MSLN recombinant protein | Metabolic pathway; Eukaryotic Recombinant proteins/EP |
|--------------------------------------------------------|-------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 53988378                                                                                                                                       |
| NCBI GeneID                      | 10232                                                                                                                                          |
| NCBI Accession #                 | NP_005814.2                                                                                                                                    |
| NCBI GenBank Nucleotide #        | NM_005823.5                                                                                                                                    |
| UniProt Accession #              | Q13421; Q14859; Q4VQD5; Q96GR6; Q96KJ5; Q9BR17; Q9BTR2; Q9UCB2; Q9UK57; D3DU65                                                                 |
| Molecular Weight                 | 68,986 Da                                                                                                                                      |
| NCBI Official Full Name          | mesothelin isoform 1 preproprotein                                                                                                             |
| NCBI Official Synonym Full Names | mesothelin                                                                                                                                     |
| NCBI Official Symbol             | MSLN                                                                                                                                           |
| NCBI Official Synonym Symbols    | MPF; SMRP                                                                                                                                      |
| NCBI Protein Information         | mesothelin; CAK1 antigen; megakaryocyte potentiating factor; soluble MPF mesothelin related protein; pre-pro-megakaryocyte-potentiating factor |
| UniProt Protein Name             | Mesothelin                                                                                                                                     |
| UniProt Gene Name                | <b>MSLN</b>                                                                                                                                    |
| UniProt Synonym Gene Names       | MPF; MPF                                                                                                                                       |
| UniProt Entry Name               | MSLN_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/msln-recombinant-protein-293f-cell-wb-western-blot-sds-page-immunogen-positive-control/152073>