

Mesothelin (MSLN) Active Protein | MSLN active protein

Recombinant Human Mesothelin (MSLN), Partial (Active)

CATALOG #
AAA243732

HOST
Mammalian cell

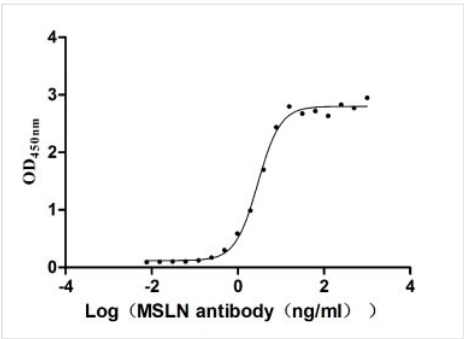
PRODUCT SYNONYMS

Mesothelin (MSLN); Recombinant Human Mesothelin (MSLN); Partial (Active); CAK1 antigen; Pre-pro-megakaryocyte-potentiating factor; Megakaryocyte-potentiating factor; Mesothelin; cleaved form; MPF; MSLN active protein

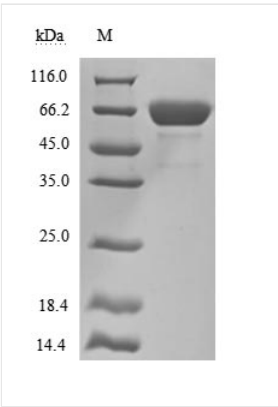
PRODUCT SPECIFICATIONS

Host	Mammalian cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized from a 0.2 um filtered PBS, 6% Trehalose, pH 7.4
Sequence Positions	296-580aa; Partial of isoform 3
Sequence	PKSCDKTHTC PPCAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP QVYTLPPSRD ELTKNQVSLT CLVKGFYPSD IAVEWESNGQ PENNYKTTTP VLDSDGSFFL YSKLTVDKSR WQQGNVFCSS VMHEALHNHY TQKSLSLSPG KEVEKTACPS GKKAREIDES LIFYKKWELE ACVDAALLAT QMDRVNAIPF TYEQLDVLKH KLDELYPQGY PESVIQHLGY LFLKMSPEDI RKWNVTSLET LKALLEVNKG HEMSPQVATL IDRFVKGRGQ LDKDTLDTLT AFYPGYLCSL SPEELSSVPP SSIWAVRPQD LDTCDPRQLD VLYPKARLAF QNMNGSEYFV KIQSFLGGAP TEDLKALSQQ NVSMDLATFM KLRTDAVLPL TAEVQKLLG PHVEGLKAE E RHRPVRDWIL RQRQDDLDL GLGLQG
Sequence Length	622
Species	Human
Tag	N-terminal FC-tagged
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized MSLN at 2 ug/ml can bind Anti-MSLN rabbit monoclonal antibody, the EC50 of the MSLN protein is 2.657-3.177 ng/ml.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Preparation and Storage	Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

IMAGES



Bioactivity



SDS-PAGE
Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

ADDITIONAL INFORMATION

Product Categories/Family for MSLN active protein	Cancer
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NCBI AND UNIPROT INFORMATION

NCBI GI #	53988378
NCBI GeneID	10232
NCBI Accession #	NP_005814.2
NCBI GenBank Nucleotide #	NP_005814.2
UniProt Accession #	Q13421
Molecular Weight	60.4 kDa
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
UniProt Protein Name	Mesothelin
UniProt Gene Name	MSLN
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.