

Recombinant Full Length Human MSLN Protein, GST-tagged

Cat. No. MSLN-6461HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MSLN full-length ORF (AAH03512.1, 1 a.a. - 621 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	621 amino acids
Description	An antibody that reacts with ovarian cancers and mesotheliomas was used to isolate a cell surface antigen named mesothelin. Although the function of mesothelin is unknown, it may play a role in cellular adhesion and is present on mesothelium, mesotheliomas, and ovarian cancers. This gene encodes a preproprotein that is cleaved into two products, megakaryocyte potentiating factor and mesothelin. Alternative splicing results in multiple transcript variants. [provided by RefSeq]
Molecular Mass	94.3 kDa
AA Sequence	MALPTARPLLGSCGTPALGSLFLFSLGWVQPSRTLGETGQAAPLDGVLNPPNI SSLSPRQLLGFPCEVSGSLSTERVRELAVALAQKNVKLSTEQLRCLAHRLSEPPEDL DALPLDLLLFLNPDAFSGPQACTRFFSRITKANVDLLPRGAPERQRLPAALACWGV RGSLLSEADVRLGGLACDLPGRFVAESA EVLLPRLVSCPGPLDQDQQAARAALQ GGPPYPGPSTWSVSTMDALRGLLPVLGQPIIRSIPQGIVA AWRQRSSRDPSWRQP ERTILRPRFRREVEKTACPSGKKAREIDESLIFYKKWELEACVDAALLATQMDRVNAI PFTYEQLDVLKHKLDELYPQGYPESVIQHLGYLFLKMSPEDIRKWNVTSLET LKALLE

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VNKGHEMSPQVATLIDRFVKGRGQLDKDTLDTLTAFYPGYLCSLSPEELSSVPPSSI
WAVRPQDLDTCDPRQLDVLYPKARLAFQNMNGSEYFVKIQSFLGGAPTEDLKALSQ
QNVSMDLATFMKLRTDAVLPLTVAEVQKLLGPHVEGLKAEERHRPVRDWILRQRQD
DLDTLGLGLQGGIPNGYLVLDSLVSQEALSGTPCLLGPVLTVLALLLASTLA

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [MSLN mesothelin \[Homo sapiens \]](#)

Official Symbol [MSLN](#)

Synonyms MSLN; mesothelin; CAK1; MPF; CAK1 antigen; megakaryocyte potentiating factor; soluble MPF mesothelin related protein; pre-pro-megakaryocyte-potentiating factor; SMRP;

Gene ID [10232](#)

mRNA Refseq [NM_001177355](#)

Protein Refseq [NP_001170826](#)

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MIM	601051
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UniProt ID	Q13421
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