

# Recombinant Full Length Human MSLN Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human MSLN full-length ORF ( AAH03512.1, 1 a.a. - 621 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	621 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	94.3 kDa
<b>AA Sequence</b>	MALPTARPLLGSCGTPALGSLFLFSLGWVQPSRTLGETGQAAPLDGVLANPPNI SSSLSPRQLLGFPCEVSGLSTERVRELAVALAQKNVKLSTEQRLRCLAHRLSEPPEDL DALPLDLLLFLNPDAFSGPQACTRFFSRITKANVDLLPRGAPERQRLLPAALACWGV RGSLLSEADVRLGGLACDLPGRFVAESAEVLLPRLVSCPGPLDQDQQAARAALQ GGGPPYGPPSTWSVSTMDALRGLLPVLGQPIIRSIPQGIVAAWRQRSSRDPSWRQP ERTILRPRFRREVEKTACPSGKKAREIDESLIFYKKWELEACVDAALLATQMDRVNAI PFTYEQLDVLKHKLDELYPQGYPESVIQHLGYLFLKMSPEDIRKWNVTSLETLKALLE

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VNKGHEMSPQVATLIDRFVKGRGQLDKDTLDTLTAFYPGYLCSLSPEELSSVPPSSI  
 WAVRPQDLDTCDPRQLDVLYPKARLAFQNMNGSEYFVKIQSFLGGAPTEDLKALSQ  
 QNVSMDLATFMKLRRTDAVLPLTVAEVQKLLGPHVEGLKAEERHRPVRDWILRQRQD  
 DLDTLGLGLQGGIPNGYLVDLSVQEALSGTPCLLGGPGVLTVLALLASTLA

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	MSLN mesothelin [ Homo sapiens ]
<b>Official Symbol</b>	MSLN
<b>Synonyms</b>	MSLN; mesothelin; CAK1; MPF; CAK1 antigen; megakaryocyte potentiating factor; soluble MPF mesothelin related protein; pre-pro-megakaryocyte-potentiating factor; SMRP;
<b>Gene ID</b>	10232
<b>mRNA Refseq</b>	NM_001177355
<b>Protein Refseq</b>	NP_001170826

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<b>MIM</b>	601051
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<b>UniProt ID</b>	Q13421
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