

Recombinant Human MSLN Protein, hFc-tagged

Cat. No. MSLN-75H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MSLN Protein, fused to hFc-tag, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a preproprotein that is proteolytically processed to generate two protein products, megakaryocyte potentiating factor and mesothelin. Megakaryocyte potentiating factor functions as a cytokine that can stimulate colony formation of bone marrow megakaryocytes. Mesothelin is a glycosylphosphatidylinositol-anchored cell-surface protein that may function as a cell adhesion protein. This protein is overexpressed in epithelial mesotheliomas, ovarian cancers and in specific squamous cell carcinomas. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed.
Form	Supplied as a 0.2 µm filtered solution in PBS , pH7.4.
Molecular Mass	61.96 kDa
AA Sequence	MHSSALLCCLVLLTGVR AEVEKTACPSGKKAREIDESLIFYKKWELEACVDAALLATQMDRVNAIPFTYEQLDVLKHKLD ELYPQGYPESVIQHLGYLFLKMSPEDIRKWNVTSL ETLKALLEVNKGHEMSPQVATLIDRFVKGRGQLDKDTLDTLTA FYPGYLCSLSPEELSSVPPSSIWAVRPQDLDTCDPRQLDVLYPKARLAFQNMNGSEYFVKIQSFLGGAPT EDLKALSQQNVSM DLATFMKLRTDAVLPLTVAEVQKLLGPHVEGLKAEERHRPVRD WILRQRQDDLDTLGLGLQG GIPNGYLVLDLSTTENLYFQGSGTGHTCPPCPAPELLG

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GPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPR
EEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVY
TLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFF
LYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK

Purity >90%

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 0.86 mg/ml

GENE INFORMATION

Gene Name MSLN mesothelin [Homo sapiens (human)]

Official Symbol MSLN

Synonyms MPF; SMRP

Gene ID 10232

mRNA Refseq NM_005823

Protein Refseq NP_005814

MIM 601051

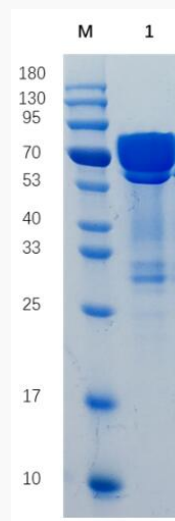
UniProt ID Q13421

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SDS-PAGE



Reducing 12% SDS-PAGE analysis profile of purified MSLN-hFc (CBB stained).

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