

Recombinant Human MSLN Protein, His-tagged, Biotinylated

Cat. No. MSLN-381H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant human MSLN protein with His tag was expressed in HEK293..
Species	Human
Source	HEK293
ProteinLength	630
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	Lyophilized
Molecular Mass	33 kDa
AA Sequence	MALPTARPLLGSCGTPALGSLFLFSLGWVQPSRTLGETGQEAAPLDGVLNPP NISSLSPRQLLGFPCEVSGSLSTERVRELAVALAQKNVKLSTEQRLRCLAHRLSEPPE DLDALPLDLLLFLNPDAFSGPQACTRFFSRITKANVDLLPRGAPERQRLPAALACW

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GVRGSLLEADVRLGGLACDLPGRFVAESAEVLLPRLVSCPGPLDQDQQAARAA
 LQGGGPPYGPPSTWSVSTMDALRGLLPVLGQPIIRSIPQGIVAARQRSSRDPSWR
 QPERTILRPRFRREVEKTACPSGKKAREIDESLIFYKKWELEACVDAALLATQMDRV
 NAIPFTYEQLDVLKHKLDELYPQGYPESVIQHLGYLFLKMSPEDIRKWNVTSLETAKA
 LLEVNGGHEMSPQAPRRPLPQVATLIDRFVKGRGQLDKDTLDTLTAFYPGYLCSLSP
 EELSSVPPSSIWAVRPQDLDTCDPRQLDVLYPKARLAFQNMNGSEYFVKIQSFLGG
 APTEDLKALSQQNVSMDLATFMKLRTDAVLPLTVAEVQKLLGPHVEGLKAEERHRP
 VRDWILRQRQDDDLTLGLGLQGIPNGYLVLDLSMQEALSGTPCLLGGPVLTVLAL
 LLASTLA

Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H ₂ O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.
Conjugation	Biotin

GENE INFORMATION

Gene Name	MSLN mesothelin [Homo sapiens (human)]
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
MIM	601051
UniProt ID	Q13421

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