

# Active Recombinant Human MSLN, His-tagged, Biotinylated

Cat. No. MSLN-642H    Lot. No. (See product label)

## SPECIFICATION

**Product Overview**      The recombinant human MSLN is expressed as a 317-amino acid protein consisting of Glu296 - Ser592 region of MSLN (UniProt accession #Q13421, isoform 2) and a C-terminal His-tag. It contains 4 potential N-linked glycosylation sites.

**Species**                      Human

**Source**                        Human Cells

**ProteinLength**              296-592 a.a.

**Form**                            Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier & preservative free). The purified recombinant protein was labeled with Biotin (3-5 Biotin per molecule).

**Bio-activity**                 Binds to CA125/MUC16 and anti-MSLN monoclonal antibody, human IgG1 with high affinity KD < 5 nM as measured by ELISA.

**Molecular Mass**            Calculated molecular mass (kDa): 35.9; Estimated by SDS-PAGE under reducing condition (kDa): 48-50

**AA Sequence**                EVEKTACPSGKKAREIDESLIFYKKWELEACVDAALLATQMDRVNAIPFTYEQLDVLK  
 HKLDELYPQGYPEVSIQ HLGYLFLKMSPEDIRKWNVTSLETLKALLEVNKGHEMSP  
 QVATLIDRFVKGRGQLDKDLDLTLTAFYPGYLCSL SPEELSSVPPSSIWAVRPQDL  
 TCDPRQLDVLYPKARLAFQNMNGSEYFVKIQSFLGGAPTEDLKALSQQNVSM DLAT  
 FMKLRTDAVLPLTVAEVQKLLGPHVEGLKAEERHRPVRDWILRQRQDDLDLGLGL  
 QGGIPNGYLVLDLS TTENLYFQGSTGHHHHHHHH

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Endotoxin</b>	<0.1 eu="" per="" 1="" μg="" of="" purified="" recombinant="" protein="" determined="" by="" the="" la="">
<b>Purity</b>	>90% judged by SDS-PAGE under reducing condition
<b>Storage</b>	The product is shipped at 4°C. Upon receipt, centrifuge the product briefly before opening the vial. It is recommended to store small aliquots at the temperature below -20°C for long-term storage and the product is stable for 3 months. The undiluted protein can be stored at 4°C for no more than 2 weeks. Avoid repeated freeze-thaw cycles.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">MSLN mesothelin [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">MSLN</a>
<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>	<a href="#">10232</a>
<b>mRNA Refseq</b>	<a href="#">NM_001177355</a>
<b>Protein Refseq</b>	<a href="#">NP_001170826</a>
<b>MIM</b>	<a href="#">601051</a>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>UniProt ID</b>	Q13421
-------------------	--------

<b>Chromosome Location</b>	16p13.3
--------------------------------	---------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA