

Active Recombinant Human MSLN protein, Fc-tagged

Cat. No. MSLN-340H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human MSLN protein(AAH09272)(Glu 296 - Gly 580),fused with a human IgG1 Fc tag at the N-terminus, is expressed from HEK293.
Species	Human
Source	HEK293
ProteinLength	296-580 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human Mesothelin (296-580), Fc Tag at 0.5 µg/mL (100 µL/well) can bind Anti-Human MSLN Mab with a linear range of 0.8-3 ng/mL.
Molecular Mass	The protein has a calculated MW of 59.1 kDa. The protein migrates as 60-68 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 0.1 EU per µg by the LAL method / rFC method.
Purity	>95% as determined by SDS-PAGE. >95% as determined by SEC-MALS.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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](#)

MIM [601051](#)

UniProt ID [Q13421](#)

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