

# Active Recombinant Human MSLN protein, Fc-tagged, Biotinylated

**Cat. No.** MSLN-0389H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human MSLN protein(Glu296-Gly580), fused with Fc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	296-580 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
<b>Bio-activity</b>	Immobilized Anti-Human MSLN Mab at 0.5 µg/mL (100 µL/well) can bind Biotinylated Human Mesothelin (296-580) Protein, Fc Tag, primary amine labeling with a linear range of 0.5-8 ng/mL.
<b>Molecular Mass</b>	This protein carries a human IgG1 Fc tag at the N-terminusThe 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.
<b>Proteinlength</b>	Glu296-Gly580
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.

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**Storage** For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**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.

**Conjugation** Biotin

## 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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