

## Active Recombinant Human MSLN protein, Fc-tagged, FITC-Labeled

Cat. No. MSLN-0388H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	FITC-Labeled 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. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Anti-Human MSLN MAb at 10 µg/mL (100 µL/well) can bind FITC-Labeled Human Mesothelin (296-580), Fc Tag with a linear range of 0.078-0.625 µg/mL (Ex.488 nm/Em.535 nm).
<b>Molecular Mass</b>	This protein carries a human IgG1 Fc tag at the C-terminus.The protein has a calculated MW of 58.6 kDa. The protein migrates as 60-70 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.

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<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Storage</b>	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.
<b>Reconstitution</b>	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.
<b>Conjugation</b>	FITC

## 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>
<b>UniProt ID</b>	<a href="#">Q13421</a>

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