

# Active Recombinant Human MSLN Protein, Fc-tagged, FITC conjugated

**Cat. No.** MSLN-185HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	FITC conjugated recombinant human MSLN protein, fused to Fc-tag, was expressed in HEK293 Cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	545
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	Testing in progress
<b>Molecular Mass</b>	The recombinant human MSLN/Fc is a disulfide-linked homodimer. The reduced monomer comprises 545 amino acids and has a predicted molecular mass of 60.7 kDa. The apparent molecular mass of the protein is approximately 65 kDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>N-terminal Sequence Analysis</b>	Glu
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Purity</b>	> 85 % as determined by SDS-PAGE

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<b>Characteristic</b>	<p>Disulfide-linked homodimer</p> <p>Labeled with FITC via amines</p> <p>Excitation source: 488 nm spectral line, argon-ion laser</p> <p>Excitation Wavelength: 488 nm</p> <p>Emission Wavelength: 535 nm</p>
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Sterile PBS, pH 7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
<b>Conjugation</b>	FITC

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">MSLN</a>
<b>Official Symbol</b>	<a href="#">MSLN</a>
<b>Synonyms</b>	Mesothelin; MPF; SMRP; MSLN; mesothelin; CAK1 antigen; megakaryocyte potentiating factor; pre-pro-megakaryocyte-potentiating factor; soluble MPF mesothelin related protein
<b>Gene ID</b>	<a href="#">10232</a>
<b>mRNA Refseq</b>	<a href="#">NM_005823</a>
<b>Protein Refseq</b>	<a href="#">NP_005814</a>

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<b>MIM</b>	601051
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<b>UniProt ID</b>	Q13421
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