

Active Recombinant Human MSLN Protein, Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. MSLN-185HAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 conjugated recombinant human MSLN protein, fused to Fc-tag, was expressed in HEK293 Cells.
Species	Human
Source	HEK293
ProteinLength	545
Form	Lyophilized
Bio-activity	Testing in progress
Molecular Mass	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.
N-terminal Sequence Analysis	Glu
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE

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Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	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.
Storage Buffer	Sterile PBS, pH 7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Conjugation	Alexa Fluor 488

GENE INFORMATION

Gene Name	MSLN
Official Symbol	MSLN
Synonyms	Mesothelin; MPF; SMRP; MSLN; mesothelin; CAK1 antigen; megakaryocyte potentiating factor; pre-pro-megakaryocyte-potentiating factor; soluble MPF mesothelin related protein
Gene ID	10232
mRNA Refseq	NM_005823
Protein Refseq	NP_005814

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MIM	601051
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UniProt ID	Q13421
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