Active Recombinant Human MSLN protein, His-Avi-tagged, FITC-Labeled

Cat. No. MSLN-3527H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FITC-Labeled Active Recombinant Human MSLN protein(Q13421-2)(Glu296-Gly580) is expressed from HEK293 with His tag and Avi tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	296-580 aa
Conjugation/Label	FITC
Form	Supplied as 0.22μm filtered solution in PBS (pH 7.4).
Wavelength	Excitation Wavelength: 490 nm Emission Wavelength: 520 nm
Bio-activity	FACS Analysis of Anti-MSLN CAR Expression. 293T cells were transfected with anti-MSLN-scFv and His tag. Cells were stained with 5μg/ml FITC-Labeled Human MSLN (296-580) , His Tag and FITC-labeled protein control. Non-transfected 293T cells and FITC-labeled protein control were used as negative control.
Molecular Mass	The protein has a predicted MW of 35.2 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

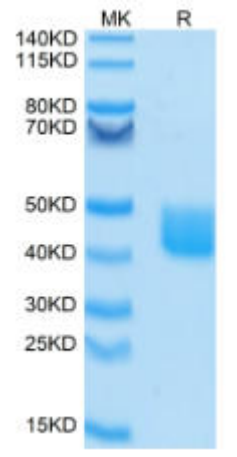
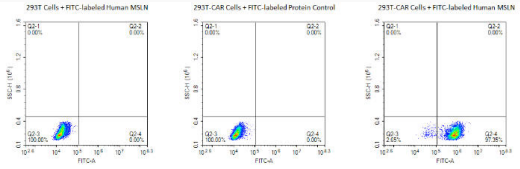
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Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Concentration	0.1-1.0 mg/mL. Centrifuge the vial at 4°C before 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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Bis-Tris PAGE	
FACS Data	

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