

## FITC-Labeled Mesothelin Protein, Human (HEK293, Fc)

Cat. No.:	HY-P78369
Synonyms:	MSLN; CAK1; Mesothelin; MPF; MPFSMRP; SMR
Species:	Human
Source:	HEK293
Accession:	Q13421-2 (E296-G580)
Gene ID:	10232
Molecular Weight:	70-80 kDa

### PROPERTIES

AA Sequence	<div> E V E K T A C P S G    K K A R E I D E S L    I F Y K K W E L E A    C V D A A L L A T Q  M D R V N A I P F T    Y E Q L D V L K H K    L D E L Y P Q G Y P    E S V I Q H L G Y L  F L K M S P E D I R    K W N V T S L E T L    K A L L E V N K G H    E M S P Q V A T L I  D R F V K G R G Q L    D K D T L D T L T A    F Y P G Y L C S L S    P E E L S S V P P S  S I W A V R P Q D L    D T C D P R Q L D V    L Y P K A R L A F Q    N M N G S E Y F V K  I Q S F L G G A P T    E D L K A L S Q Q N    V S M D L A T F M K    L R T D A V L P L T  V A E V Q K L L G P    H V E G L K A E E R    H R P V R D W I L R    Q R Q D D L D T L G  L G L Q G </div>
Biological Activity	FACS Analysis of Anti-MSLN CAR Expression. 293T cells were transfected with anti-MSLN-scFv and Fc tag. Cells were stained with 5µg/ml FITC-Labeled Human MSLN (296-580) , Fc Tag and FITC-labeled protein control. Non-transfected 293T cells and FITC-labeled protein control were used as negative control.
Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year, protect from light. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice

### DESCRIPTION

Background	Mesothelin Protein, particularly in its membrane-anchored forms, exhibits a potential role in cellular adhesion, suggesting
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involvement in mediating interactions between cells. Furthermore, the associated Megakaryocyte-potentiating factor (MPF) has been identified as a potent enhancer of megakaryocyte colony formation in vitro, indicating its active participation in fostering the development of these specialized blood cell colonies.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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