

PE-Labeled Mesothelin Protein, Human (HEK293, His)

Cat. No.:	HY-P701259
Synonyms:	MSLN; Mesothelin; MPF
Species:	Human
Source:	HEK293
Accession:	AAH09272 (E296-G580)
Gene ID:	10232
Molecular Weight:	35.9 kDa

PROPERTIES

AA Sequence	<pre> E V E K T A C P S G K K A P 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 </pre>
Appearance	Solution
Formulation	Supplied as a 0.22 µm filtered solution of PBS , pH7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. 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	<p>Mesothelin is a glycosylphosphatidylinositol-anchored cell-surface protein that may function as a cell adhesion protein, as cells overexpressing mesothelin have altered adhesive properties. Mesothelin is overexpressed in epithelial mesotheliomas, ovarian cancers and in specific squamous cell carcinomas. Alternative splicing results in multiple transcript variants of Mesothelin. Mesothelin is also a Megakaryocyte-potentiating factor (MPF) which potentiates megakaryocyte colony formation in vitro^{[1][2]}.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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