

Datasheet for ABIN7535010

Mesothelin Protein (MSLN) (Fc Tag,His tag)



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Overview

Quantity:	100 µg
Target:	Mesothelin (MSLN)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Mesothelin protein is labelled with Fc Tag,His tag.

Product Details

Purpose:	Active Recombinant Human Mesothelin/MSLN Protein
Sequence:	EVEKTACPSG KKAREIDESL IFYKKWELEA CVDAALLATQ MDRVNAIPFT YEQLDVLKHK LDELYPQGYP ESVIQHLGYL FLKMSPEDIR KWNVTSLETL KALLEVNKGGH EMSPQVATLI DRFVKGRGQL DKDTLDTLTA FYPGYLCSLS PEELSSVPPS SIWAVRPQDL DTCDPRQLDV LYPKARLAFQ NMNGSEYFVK IQSFLGGAPT EDLKALSQQN VSMDLATFMK LRTDAVLPLT VAEVQKLLGP HVEGLKAEER HRPVRDWILR QRQDDLDTLG LGLQG
Specificity:	Glu296-Gly580
Purity:	> 97 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.
Biological Activity Comment:	Loaded Human Mesothelin/MSLN Protein, C-hFc&His on ProA Biosensor, can bind Human CA125 Protein, C-His&Avi with an affinity constant of 17.2 nM as determined in BLI assay

Product Details

(Gator).

Target Details

Target:	Mesothelin (MSLN)
Alternative Name:	Mesothelin/MSLN (MSLN Products)
Background:	MPF, SMRP,MSLN,SMRP
Gene ID:	10232
UniProt:	Q13421-3
Pathways:	EGFR Signaling Pathway , Positive Regulation of Peptide Hormone Secretion , Intracellular Steroid Hormone Receptor Signaling Pathway , Steroid Hormone Mediated Signaling Pathway , Carbohydrate Homeostasis , cAMP Metabolic Process , Regulation of G-Protein Coupled Receptor Protein Signaling , Positive Regulation of Endopeptidase Activity , Regulation of Carbohydrate Metabolic Process

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.