

Datasheet for ABIN7583298

Mesothelin Protein (MSLN) (AA 298-600) (His tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Mesothelin (MSLN)
Protein Characteristics:	AA 298-600
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Mesothelin protein is labelled with His tag.

Product Details

Purpose:	Rat MSLN/Mesothelin Protein
Sequence:	Asp298-Ser600
Characteristics:	Recombinant Rat MSLN/Mesothelin Protein is expressed from HEK293 with His tag at the C-terminus. It contains Asp298-Ser600.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	Mesothelin (MSLN)
Alternative Name:	MSLN (MSLN Products)

Target Details

Background:	Mesothelin, also known as MSLN, is a protein that in humans is encoded by the MSLN gene. Cloning studies showed that the mesothelin gene encodes a precursor protein that is processed to yield mesothelin which is attached to the cell membrane by a glycoposphatidylinositol linkage and a 31- kDa shed fragment named megakaryocyte-potentiating factor (MPF).
Molecular Weight:	35.67 kDa. Due to glycosylation, the protein migrates to 45-55 kDa based on Tris-Bis PAGE result.
NCBI Accession:	XP_032768340
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:	Liquid
Buffer:	Supplied as 0.22 µm filtered solution in PBS (pH 7.4).
Storage:	-80 °C
Storage Comment:	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.
Expiry Date:	12 months