

Datasheet for ABIN7013456

Mesothelin Protein (MSLN) (AA 298-600) (His tag)



[Go to Product page](#)

2 Images

Overview

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

Product Details

Characteristics:	Mouse Mesothelin / MSLN (298-600) Protein, His Tag (MALS verified)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	Mesothelin (MSLN)
Alternative Name:	Mesothelin (MSLN Products)
Background:	Mesothelin (MSLN) is also known as CAK1 antigen, Pre-pro-megakaryocyte-potentiating factor, which belongs to the mesothelin family. Mesothelin / MSLN can be proteolytically cleaved into the following two chains by a furin-like convertase: Megakaryocyte-potentiating factor (MPF) and the cleaved form of mesothelin. Both MPF and the cleaved form of mesothelin are N-

Target Details

	glycosylated. Mesothelin / MSLN can interacts with MUC16. The membrane-anchored forms of MSLN may play a role in cellular adhesion. MPF potentiates megakaryocyte colony formation in vitro.
Molecular Weight:	36.0 kDa
NCBI Accession:	NP_061345
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

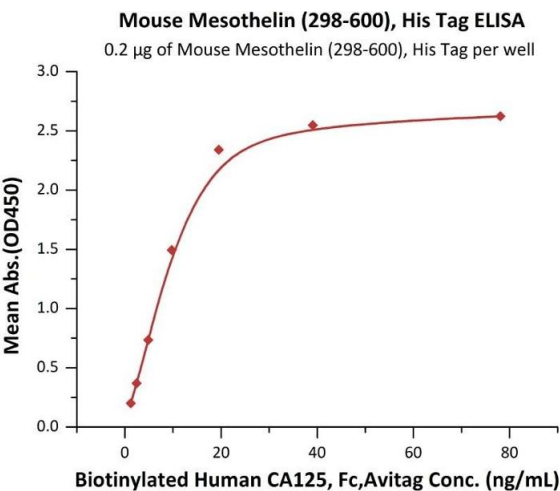
Application Details

Application Notes:	MALS verified
Restrictions:	For Research Use only

Handling

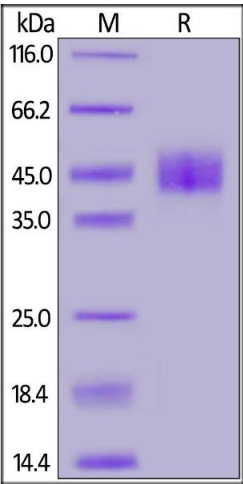
Format:	Lyophilized
Buffer:	PBS, pH 7.4
Storage:	-20 °C

Images



ELISA

Image 1. Immobilized Mouse Mesothelin (298-600), His Tag (ABIN6973156) at 2 µg/mL (100 µL/well) can bind Biotinylated Human CA125, Fc,Avitag (ABIN5954926,ABIN6253567) with a linear range of 0.6-10 ng/mL (QC tested).



SDS-PAGE

Image 2. Mouse Mesothelin (298-600), His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 % .