

Datasheet for ABIN7491033

Mesothelin Protein (MSLN) (AA 298-600) (His tag)[Go to Product page](#)**1** Image

Overview

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

Product Details

Purpose:	Recombinant mouse Mesothelin protein with C-terminal 6xHis tag
Specificity:	Mouse Mesothelin (Asp298-Ser600) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	Mesothelin (MSLN)
Alternative Name:	MSLN (MSLN Products)
Background:	This gene encodes a preproprotein that is proteolytically processed to generate two protein

Target Details

products, megakaryocyte potentiating factor and mesothelin. Megakaryocyte potentiating factor functions as a cytokine that can stimulate colony formation of bone marrow megakaryocytes. Mesothelin is a glycosylphosphatidylinositol-anchored cell-surface protein that may function as a cell adhesion protein. This protein is overexpressed in epithelial mesotheliomas, ovarian cancers and in specific squamous cell carcinomas. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Feb 2016]

Molecular Weight: predicted molecular mass of 35.0 kDa after removal of the signal peptide. The apparent molecular mass of mMesothelin-His is 35-40 kDa due to glycosylation.

UniProt: [Q61468](#)

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

Handling

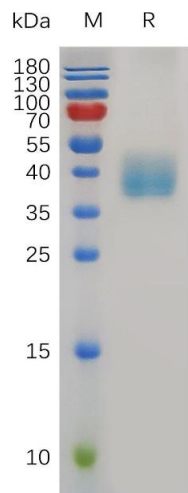
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Mouse Mesothelin Protein, His Tag on SDS-PAGE under reducing condition.