

Datasheet for ABIN7275284

**Mesothelin Protein (MSLN) (AA 296-580) (FITC,Fc Tag)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	Mesothelin (MSLN)
Protein Characteristics:	AA 296-580
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Mesothelin protein is labelled with FITC,Fc Tag.

## Product Details

Purpose:	FITC-Labeled Human MSLN/Mesothelin Protein
Sequence:	Glu296-Gly580
Characteristics:	Recombinant FITC-Labeled Human MSLN/Mesothelin Protein is expressed from HEK293 with hFc tag at the C-Terminus.It contains Glu296-Gly580.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	Mesothelin (MSLN)
Alternative Name:	MSLN ( <a href="#">MSLN Products</a> )

## Target Details

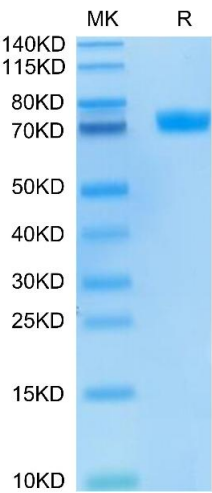
Background:	Mesothelin, also known as MSLN, is a protein that in humans is encoded by the MSLN gene. Cloning studies showed that the mesothelin gene encodes a precursor protein that is processed to yield mesothelin which is attached to the cell membrane by a glycosphosphatidylinositol linkage and a 31- kDa shed fragment named megakaryocyte-potentiating factor (MPF). Although it has been proposed that mesothelin may be involved in cell adhesion, its biological function is not known. A knockout mouse line that lacks mesothelin reproduces and develops normally.
Molecular Weight:	59 kDa. Due to glycosylation, the protein migrates to 68-75 kDa based on Tris-Bis PAGE result.
Pathways:	<a href="#">EGFR Signaling Pathway</a> , <a href="#">Positive Regulation of Peptide Hormone Secretion</a> , <a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Steroid Hormone Mediated Signaling Pathway</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">cAMP Metabolic Process</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Buffer:	Supplied as 0.22µm 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



SDS-PAGE

**Image 1.** FITC-Labeled Human MSLN/Mesothelin on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Flow Cytometry

**Image 2.** FACS Analysis of Anti-MSLN CAR Expression. 293T cells were transfected with anti-MSLN-scFv and Fc tag. Cells were stained with FITC-Labeled Human MSLN (296-580), Fc Tag and FITC-labeled protein control. Non-transfected 293T cells and FITC-labeled protein control were used as negative control.

