

Product Information

MemDX™ Membrane Protein Human MSLN (Mesothelin, transcript variant 1) for Antibody

Discovery

Cat. No.: **MP1220J**

This product is for research use only and is not intended for diagnostic use.

This product is a 32.9 kDa Human MSLN membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

MSLN

Protein Length

Partial

Protein Class

Druggable Genome, Secreted Protein, Transmembrane

Molecular Weight

32.9 kDa

Sequence

EVEKTACPSGKKAREIDESLIFYKKWELEACVDAALLATQMDRVNAIPFTYEQLDVLKHKLDELY
PQGYPESVIQHLGYLFLKMSPEDIRKWNVTSLETALKALLEVNKGHEMSPQVATLIDRFVK
GRGQLDKDLDLTAFYPGYLCSLSPEELSSVPPSSIWAVRPQDLDTCDPRQLDVLYPKA
RLAFQNMNGSEYFVKIQSFLGGAPTEDLKALSQQNVSMDLATFMKLRTDAVLPLTVAEVQ
KLLGPHVEGLKAEERHRPVRDWILRQRQDDLDLTLGLGLQG

Product Description

Expression Systems

HEK293

Tag

C-His

Form

Liquid

Endotoxin

Less than 0.01 ng per µg protein as determined by the LAL method

Purity

>95%, as determined by Coomassie stained SDS-PAGE

Buffer

1 x PBS, pH7.2

Target**Target Protein**

MSLN

Full Name

Mesothelin

Introduction

This gene encodes a preproprotein that is proteolytically processed to generate two protein 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.

Alternative Names

MPF; SMRP

Gene ID

[10232](#)

UniProt ID

[Q13421](#)