

Product Information

MemDX™ Membrane Protein Human MSLN (Mesothelin) for Antibody Discovery

Cat. No.: **MP0643J**

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

This product is a 62.7 kDa Human MSLN membrane protein expressed in HEK293T. 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

Full-length

Protein Class

Druggable Genome, Secreted Protein, Transmembrane

Molecular Weight

62.7 kDa

Sequence

MALPTARPLLGSCGTPALGSLLFLLFSLGWVQPSRTLGETGQAAPLDGVLANPPNISSLSPRQLLGFP
CAEVSGSLSTERVRELAVALAQKNVKLSTEQLRCLAHRLSEPPEDLDALPLDLLFLNPDAFSGPQACTR
FFSRITKANVDLLPRGAPERQRLPAALACWGVRSLLSEADVRLGGLACDLPGRFVAESAEVLLPRL
VSCPGPLDQDQQAARAALQGGGPPYGPPSTWSVSTMDALRGLLPVLGQPIRSIPQGIVAARQRSSR
DPSWRQPRTLPRFRREVEKTACPSGKKAREIDESLIFYKKWELEACVDAALLATQMDRVNAIPFTY
EQLDVLKHKLDELYPQGYPESVIQHLGYLFLKMSPEDIRKWNVTSLKALLEVNKGHEMSPQVATLI
DRFVKGRGQLDKDTLDTLTAFYPGYLCSLSPEELSSVPPSSIWAVRPQDLDTCDPRQLDVLYPKARLAF
QNMNGSEYFVKIQSFLGGAPTEDLKALSQQNVSMDLATFMKLRTDAVLPLTVAEVQKLLGPHVEGLKAE
ERHRPVRDWILRQRQDDLDLGLGLQGGIPNGYLVLDLSVQEALSGTPCLLGPGPVLTVLALLLASTLA
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

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](#)