

Product Information

MemDX™ Antibody Discovery - Cynomolgus Mesothelin / MSLN (296-580) Membrane

Protein, Partial, -His tag

Cat. No.: **MP0646F**

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

This membrane protein is Cynomolgus Mesothelin / MSLN (296-580). It has been tested in SDS-PAGE, ELISA, SEC-SEC-MALS. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Cynomolgus

Target Protein

Mesothelin / MSLN

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 33.7 kDa. The protein migrates as 35-50 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence

AA Asp 296 - Gly 580 (Accession # A0A2K5TW94-1).

Product Description

Activity

Yes

Application

SDS-PAGE, ELISA, SEC-SEC-MALS

Expression Systems

HEK293

Tag

His tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/µg by the LAL method

Purity

>95% as determined by SDS-PAGE.

>90% as determined by SEC-MALS.

Buffer

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Storage

The product MUST be stored at -70°C or lower upon receipt; -70°C for 3 months under sterile conditions.

Target

Target Protein

Mesothelin / 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

MSLN, Mesothelin, MPF

Gene ID

[102130460](#)

UniProt ID

[A0A2K5TW94](#)