

Product Information

MemDX™ Membrane Protein Escherichia coli LAMTOR2 (Late endosomal/lysosomal adaptor, MAPK and MTOR activator 2) for Antibody Discovery

Cat. No.: **MP0623X**

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

This product is a 16 kDa Escherichia coli LAMTOR2 membrane protein expressed in Escherichia coli expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Escherichia coli

Target Protein

LAMTOR2

Protein Length

Full-length

Molecular Weight

16 kDa

Sequence

MGSSHHHHHHSSGLVPRGSHMGSHMLRPKALTQVLSQANTGGVQSTLLLNEGSL LAYSGYGDTDARVTAAIASNIWAAYDRNG

Product Description

Application

SDS-PAGE

Expression Systems

Escherichia coli expression system

Tag

Escherichia coli

Form

Liquid

Purification

Conventional Chromatography

Purity

> 95% by SDS-PAGE

Buffer

20 mM Tris-HCl buffer, 0.2 M NaCl, pH 8.0 (10% glycerol, 2 mM DTT)

Storage

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

Target**Target Protein**

LAMTOR2

Full Name

Late endosomal/lysosomal adaptor, MAPK and MTOR activator 2

Introduction

The product of this gene is highly conserved with a mouse protein associated with the cytoplasmic face of late endosomes and lysosomes. The mouse protein interacts with MAPK scaffold protein 1, a component of the mitogen-activated protein kinase pathway. In humans, a mutation in this gene has been associated with a primary immunodeficiency syndrome, and suggests a role for this protein in endosomal biogenesis. Multiple transcript variants encoding different isoforms have been found for this gene

Alternative Names

p14; ENDAP; ROBLD3; HSPC003; MAPBPIP; MAPKSP1AP; Ragulator2

Gene ID

[28956](#)

UniProt ID

[Q9Y2Q5](#)