

Product Information

MemDX™ Membrane Protein Human LAPTM4A (Lysosomal protein transmembrane 4 alpha) for Antibody Discovery

Cat. No.: **MP0624X**

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

This product is a 53.2 kDa Human LAPTM4A membrane protein expressed in *in vitro* wheat germ 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

Human

Target Protein

LAPTM4A

Protein Length

Full-length

Molecular Weight

53.2 kDa

TMD

4

Sequence

MVSMSEFKRNRSDRFYSTRCCGCCHVRTGTILGTWYMVVNLLMAILLTVEVTHPNSM PAVNIQYE VIGNYYSSERMADNACVLFVAV

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

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

Target**Target Protein**

LAPTM4A

Full Name

Lysosomal protein transmembrane 4 alpha

Introduction

This gene encodes a protein that has four predicted transmembrane domains. The function of this gene has not yet been determined; however, studies in the mouse homolog suggest a role in the transport of small molecules across endosomal and lysosomal membranes

Alternative Names

MBNT; Mtrp; LAPTM4; HUMORF13

Gene ID

[9741](#)

UniProt ID

[Q15012](#)