

Product Information

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

Cat. No.: **MP0114J**

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

This product is a 26.6 kDa Human LAPTM4A 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

LAPTM4A

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

26.6 kDa

TMD

4

Sequence

MVSMSEKRNRSDFYSTRCCGCHVRTGTILGTWYMVVNLLMAILLTVEVTHPNSMPAVNIQYEVIGNY
YSSERMADNACVLFAVSVLMFISSMLVYGSISYQVGWLIPFFCYRLDFVLSCSLVAISLTYLPRIKEY
LDQLPDFPYKDDLLALDSSCLLFIVLVFFALFIIFKAYLINCWNCYKYINNRRNVPEIAVYPAFEAPPQY
VLPTYEMAVKMPEKEPPPPYLPA

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**

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

HUMORF13; LAPTM4; MBNT; Mtrp; lysosomal-associated transmembrane protein 4A; golgi 4-transmembrane-spanning transporter MTP; lysosomal-associated protein transmembrane 4 alpha; membrane nucleoside transporter

Gene ID

[9741](#)

UniProt ID

[Q15012](#)