

Product Information

MemDX™ Membrane Protein Human LAPT4A (Lysosomal protein transmembrane 4 alpha)

Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX2261K**

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

This product is a Human LAPT4A membrane protein expressed *in vitro* *E.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

Human

Target Protein

LAPT4A

Protein Length

Full Length

Protein Class

Transport

TMD

4

Sequence

MVSMSFKNRSDRFYSTRCCGCCHVRTGTIILGTWYMVVNLLMAILLTVEVTHPNSMPAVNIQYEVIGNYSSERMADNACVLFAV

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

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

LAPTM4A; MBNT; Mtrp; LAPTM4; HUMORF13; golgi 4-transmembrane-spanning transporter MTP; lysosomal-associated protein transmembrane 4 alpha; membrane nucleoside transporter; Lysosomal protein transmembrane 4 alpha

Gene ID

[9741](#)

UniProt ID

[Q15012](#)