

Product Information

MemDX™ Membrane Protein Human ENTPD4 (Ectonucleoside triphosphate diphosphohydrolase 4) Full Length

Cat. No.: **MPC4151K**

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

This product is a made-to-order Human ENTPD4 membrane protein expressed in HEK293. 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

ENTPD4

Protein Length

Full length

Protein Class

Receptor

TMD

2

Sequence

MGRIGISCLFPASWHFSISPVGCPRI LNTNLRQIMVISVLAAAVSLLYFS
VVIIRNKYGR LTRDKKFQRYLARVTDIEATDTNNPNVNYGIVVDCGSSGS
RVFVYCWPRHNGNPHDLLDIRQMRDKNRKPVVMKIKPGISEFATSPEKVS
DYISPLLNFAAEHVPRAKHKETPLYILCTAGMRILPESQQKAILEDLLTD
IPVHFDLFLFSDSHAEVISGKQEGVYAWIGINFVLGRFEHIEDDDEAVVEV
NIPGSESSEAIVRKRTAGILDMGGVSTQIAYEVPKTVSFASSQQEEVAKN
LLAEFNLGCDVHQTEHVYRVYVATFLGFGGNAARQRYEDRIFANTIQKNR
LLGKQTGLTPDMPYLDPCLPDIKDEIQQNGQTIYLRGTGDFDLCRETIQ
PFMKNKTNETQTS LNGVYQPPHFQNSEFYGFSEFYCTEDVLRMGGDYNA
AKFTKAAKD YCATKWSILRERFDRGLYASHADLHRLKYQCFSAWMFEVF
HRGFSFPVNYKSLKTALQVYDKEVQWTLGAILYRTRFLPLRDIQQEAFRA
SHTHWRGVSVFYNYHFLSGCFLVLLAILLYLLRLRRIHRRTPRSSAAA
LWMEEGLPAQNAPGTL

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

ENTPD4

Full Name

Ectonucleoside triphosphate diphosphohydrolase 4

Introduction

This gene encodes a member of the apyrase protein family. Apyrases are enzymes that catalyze the hydrolysis of nucleotide diphosphates and triphosphates in a calcium or magnesium-dependent manner. The encoded protein is an endo-apyrase and may play a role in salvaging nucleotides from lysosomes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and these isoforms may differ in divalent cation dependence and substrate specificity.

Alternative Names

ENTPD4; LAP70; LALP70; LYSAL1; UDPase; NTPDase-4; Golgi UDPase; golgi luminal UDPase; guanosine-diphosphatase like protein; lysosomal apyrase-like 1; lysosomal apyrase-like protein of 70 kDa; uridine-diphosphatase; Ectonucleoside triphosphate diphosphohydrolase 4

Gene ID

[9583](#)

UniProt ID

[Q9Y227](#)