

Product Information

MemDX™ Membrane Protein Human ENTPD5 (Ectonucleoside triphosphate diphosphohydrolase 5 (inactive))

Cat. No.: **MP0213J**

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

This product is a 47.3 kDa Human ENTPD5 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

ENTPD5

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

47.3 kDa

Sequence

MATSWGTVFFMLVVSCVCSAVSHRNQQTWFEIGIFLSSMCPINVSASTLYGIMFDAGSTGTRIHVYTFVQK
MPGQLPILEGEVFDVSVKPGLSAFVDQPKQGAETVQGLLEVAKDSIPRSHWKKTPVVLKATAGLRLLPEHK
AKALLFEVKEIFRKSPFLVPKGSVSIMDGSDEGILAWVTVNFLTGQLHGHRQETVGTLDLGGASTQITFL
PQFEKTLEQTPRGYLTSEFEMFNSTYKLYTHSYLGFGLKAARLATLGALETEGTDGHTFRSACLPRWLEAE
WIFGGVKYQYGGNQEGEVGFEP CYAEVLRVVRGKLHQPEEVQRGSFYAFSYYYDRAVD TDMIDYEKGGIL
KVEDFERKAREVCDNLENFTSGSPFLCMDLSYITALLKDGFGFADSTVLQLTKKVNNIETGWALGATFHL
LQSLGISH

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**

ENTPD5

Full Name

Ectonucleoside triphosphate diphosphohydrolase 5 (inactive)

Introduction

The protein encoded by this gene is similar to E-type nucleotidases (NTPases)/ecto-ATPase/apyrases. NTPases, such as CD39, mediate catabolism of extracellular nucleotides. ENTPD5 contains 4 apyrase-conserved regions which is characteristic of NTPases.

Alternative Names

PCPH; CD39L4; NTPDase-5; CD39 antigen-like 4; CD39-like 4; ER-UDPase; GDPase ENTPD5; NTPDase 5; Pcph proto-oncogene protein; UDPase ENTPD5; guanosine-diphosphatase ENTPD5; nucleoside diphosphatase; proto-oncogene CPH; uridine-diphosphatase ENTPD5

Gene ID

[957](#)

UniProt ID

[Q75356](#)