

Product Information

MemDX™ Membrane Protein Human ENPP3 (Ectonucleotide pyrophosphatase/phosphodiesterase 3) for Antibody Discovery

Cat. No.: **MP0577J**

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

This product is a 99.9 kDa Human ENPP3 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

ENPP3

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

99.9 kDa

TMD

1

Sequence

MESTLTLATEQPVKKNTLKKYKIACIVLLALLVIMSLGLGLGLGLRKLEKQGSCRKKCFDASFRGLENCR
CDVACKDRGDCCWDFEDTCVESTRIWMCNKFRCGETRLEASLCSCSDDCLQRKDCCADYKSVCCQGETSWL
EENCDAQQSQCPGFDLPPVILFSMDGFRAEYLYTWDTLKPNIKLKTCGIHSKYMRAMYPTKTFPNHY
TIVTGLYPESHGIIIDNNMYDVNLNKNFSLSSKEQNNPAWWHGQPMWLTAMYQGLKAATYFWPGSEVAING
SFPSIYMPYNGSVPFEEIRSTLLKWLDLPKAERPRFYTMFYEEPDSGSHAGGPVSARVIKALQVVDHAFG
MLMEGLKQRNLHNCVNIILLADHGMDQTYCNKMEYMTDYFPRINFFYMEGPAPRIRAHNIPHDFFSFNS
EEIVRNLSCKRPDQHFKPYPDLPKRLHYAKNVRIDKVHLFVDQQWLAVRSKSNNTNCGGGNHGYNNEFR
SMEAIFLAHGPSFKEKTEVEPFENIEVYNLMCDLLRIQPAPNNGTHGSLNHLLKVPFYEPSHAEEVSKFS
VCGFANPLPTESLDCFCPHLQNSTQLEQVQNMLNLTQEEITATVKVNLPPFGRPRVLQKNVDHCLLYHREY
VSGFGKAMRMPMWSSYTPQLGDTSPLPPTVPDCLRADVRVPPSESQKCSFYLADKNITHGFLYPASNR
TSDSQYDALITSNLVPMYEEFRKMWDYFHSVLLIKHATERNGVNVVSGPIFDYNYDGHFDAPDEITKHLA
NTDVPIPTHYFVVLTSCKNKSHTPENCPGWLDVLPFIIPHRPTNVESCPEGKPEALWVEERFTHAIARVR
DVELLTGLDFYQDKVQPVSEILQLKTYLPTFETTI

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**

ENPP3

Full Name

Ectonucleotide pyrophosphatase/phosphodiesterase 3

Introduction

The protein encoded by this gene belongs to a series of ectoenzymes that are involved in hydrolysis of extracellular nucleotides. These ectoenzymes possess ATPase and ATP pyrophosphatase activities and are type II transmembrane proteins. Expression of the related rat mRNA has been found in a subset of immature glial cells and in the alimentary tract. The corresponding rat protein has been detected in the pancreas, small intestine, colon, and liver. The human mRNA is expressed in glioma cells, prostate, and uterus. Expression of the human protein has been detected in uterus, basophils, and mast cells. Two transcript variants, one protein coding and the other non-protein coding, have been found for this gene.

Alternative Names

B10; NPP3; PDNP3; CD203c; PD-IBETA

Gene ID

[5169](#)

UniProt ID

[Q14638](#)