

Product Information

MemDX™ Membrane Protein Human ENPP3 (Ectonucleotide pyrophosphatase/phosphodiesterase 3) Full Length

Cat. No.: **MPC1886K**

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

This product is a 100.1 kDa Human ENPP3 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

ENPP3

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

100.1 kDa

TMD

1

Sequence

MESTLTLATEQPVKKNTLKKYKIACIVLLALLVIMSLGLGLGLRLEK
QGSCRKKCFDASFRGLENCRCDVACKDRGDCCWDFEDTCVESTRIWMCNK
FRCGETRLEASLCSCSDDCLQRKDCCADYKSVCQGETSWLEENCDTAQQS
QCPEGFDLPVILFSDMGFRAEYLYTWDTLMPNINKLKTGHIHSKYMRAM
YPTKTFPNHYITVGLYPESHGIIDNNMYDVNLNKNFSLSSKEQNNPAWW
HGQPMWLTAAMYQGLKAATYFWPGSEVAINGSFPSIYMPYNGSVPFEEERIS
TLLKWLDLPKAERPRFYTMYYFEEPDSSGHAGGPVSARVIKALQVVDHAFG
MLMEGLKQRNLHNCVNIILLADHGMDQTYCNKMEYMTDYFPRINFFYMYE
GPAPRIAHNIPHDFFSFNSEEIVRNLSCKRPDQHFHPYLTDPDKRLHY
AKNVRIDKVHLFVDQQWLAVRSKSNNTNCGGNHGYNNEFRSMEAIFLAHG
PSFKEKTEVEPFENIEVYNLMCDLLRIQPAPNNGTHGSLNHLLKVPFYEP
SHAAEEVSKFSVCGFANPLPTESLDCFCPHLQNSTQLEQVNQMLNLTQEEI
TATVKVNLPPFGRPRVLQKNVDHCLLYHREYVSGFGKAMRMPMWSSYTPVQ
LGDTSPLPPTVPDCLRADVRVPPSESQKCSFYLDKNITHGFLYPPASNR
TSDSQYDALITSNLVPMYEEFRKMWDYFHSVLLIKHATERNGVNVVSGPI
FDYNYDGHFDAPDEITKHLANTDVPIPTHYFVVLTSCKNKSHTPENCPGW
LDVLPFIIPHRPTNVESCPEGKPEALWVEERFTAHIAVRDVELLTGLDF
YQDKVQPVSEILQLKTYLPTFETI

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

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

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

ENPP3; B10; NPP3; PDNP3; CD203c; PD-IBETA; ectonucleotide pyrophosphatase/phosphodiesterase family member 3; dJ1005H11.3 (phosphodiesterase I/nucleotide pyrophosphatase 3); dJ914N13.3 (phosphodiesterase I/nucleotide pyrophosphatase 3); gp130RB13-6; phosphodiesterase I/nucleotide pyrophosphatase 3; phosphodiesterase-I beta; Ectonucleotide pyrophosphatase/phosphodiesterase 3

Gene ID

[5169](#)

UniProt ID

[Q14638](#)