

Product Information

MemDX™ Membrane Protein Human ENTPD1 (Ectonucleoside triphosphate diphosphohydrolase 1)

Cat. No.: **MP0171J**

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

This product is a 57.8 kDa Human ENTPD1 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

ENTPD1

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

57.8 kDa

TMD

2

Sequence

MEDTKESNVKTFCSKNILAILGFSSIIAVIALAVGLTQNKALPENVKYGIVLDAGSSHTSLYIYKWP
AE KENDTGVVHQVEECRVKGPISKFVQKVNEIGIYLTDCMERAREVIPRSQHQETPVYLGATAGMRL
LRME SEELADRVLDVVERSLSNYPFDQFQGARIITGQEEGAYGWITINYLLGKFSQKTRWFSIV
PYETNNQETFG ALDLGGASTQVTFVPQNQTIESPDNALQFRLYGKDYNVYTHSFLCYGKDQAL
WQKLAKDIQVASNEILRD PCFHPGYKKVVNVSDLYKTPCTKRFEMTLPFQQFEIQGIGNYQQCH
QSILELFNTSYCPYSQCAFNGIFL PPLQGDFGAFSAFYFVMKFLNLTSEKVSQEKVTEMMKKFCA
QPWEEIKTSYAGVKEKYLSEYCFSGTYIL SLLLQGYHFTADSWEHIFIGKIQGSDAGWTLGYML
NLTNMIPAEQPLSTPLSHSTYVFLMVLFSVLFT VAIIGLLIFHKPSYFWKDMV

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**

ENTPD1

Full Name

Ectonucleoside triphosphate diphosphohydrolase 1

Introduction

The protein encoded by this gene is a plasma membrane protein that hydrolyzes extracellular ATP and ADP to AMP. Inhibition of this protein's activity may confer anticancer benefits. Several transcript variants encoding different isoforms have been found for this gene.

Alternative Names

CD39; SPG64; ATPDase; NTPDase-1

Gene ID

[953](#)

UniProt ID

[P49961](#)