

## Product Information

### **MemDX™ Membrane Protein Human ENTPD1 (Ectonucleoside triphosphate diphosphohydrolase 1) Expressed in CHO for Antibody Discovery, Partial (38-478aa)**

Cat. No.: **MPX0440K**

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

This product is a 51 kDa Human ENTPD1 membrane protein expressed in CHO. 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

Partial (38-478aa)

##### Protein Class

Receptor

##### Molecular Weight

51 kDa

##### TMD

2

##### Sequence

TQNKALPENVKYG  
IVLDAGSSHTSLYIKWPAEKENDTGVVHQVEECRVKGPISKFVQKVNE  
IGIYLTDCMERAREVIPRSQHGETPVYLGATAGMRLLRMESEELADRVLD  
VVERSLSNYPFDFQGARIITGQEEGAYGWITINYLLGKFSQKTRWFSIVP  
YETNNQETFGALDLGGASTQVTFVPQNQTIESPDNALQFRLYGKDYNVYT  
HSFLCYGKDQALWQKLAKDIQVASNEILRDPCHFPGYKKVVNVSDLYKTP  
CTKRFEMTLFPQQFEIQGIGNYQQCHQSILELFNTSYCPYSQCAFNGIFL  
PPLQGDFGAFSAFYFVMKFLNLTSEKVSQEKVTEMMKKFCAQPWEEIKTS  
YAGVKEKYLSEYCFSGTYILSLLLQGYHFTADSWEHIFIGKIQGSDAGW  
TLGYMLNLTNMIPAEQPLSTPLSHSTYV

#### Product Description

##### Activity

Yes

**Expression Systems**

CHO

**Tag**

6xHis tag at the C-terminus

**Protein Format**

Soluble

**Form**

Liquid

**Endotoxin**

<1.0 EU per 1 µg of the protein by the LAL method.

**Purity**

>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining

**Buffer**

Supplied as a 0.2 µm filtered solution in Tris, NaCl, CaCl<sub>2</sub> and Glycerol.

**Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

**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**

ENTPD1; CD39; SPG64; ATPDase; NTPDase-1; CD39 antigen; ecto-ATP diphosphohydrolase 1; ecto-ATPDase 1; ecto-ATPase 1; ecto-apyrase; lymphoid cell activation antigen; Ectonucleoside triphosphate diphosphohydrolase 1

**Gene ID**

[953](#)

**UniProt ID**

[P49961](#)