

## Product Information

### MemDX™ Antibody Discovery - Human CD39 / ENTPD1 (38-478) Membrane Protein, Partial, -His tag

Cat. No.: **MP1319F**

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

This membrane protein is Human CD39 / ENTPD1 (38-478). It has been tested in SDS-PAGE. We provide this protein to facilitate your membrane protein antibody discovery and development.

#### Product Specifications

##### Host Species

Human

##### Target Protein

CD39 / ENTPD1

##### Protein Length

ECD

##### Molecular Weight

The protein has a calculated MW of 52.3 kDa. The protein migrates as 65-80 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

##### Sequence

AA Thr 38 - Val 478 (Accession # P49961-1).

#### Product Description

##### Application

SDS-PAGE

##### Expression Systems

HEK293

##### Tag

His tag at the C-terminus

##### Protein Format

Soluble

##### Form

LYOPH

##### Reconstitution

Please see Certificate of Analysis for specific instructions.

#### **Endotoxin**

<1.0 EU/µg by the LAL method

#### **Purity**

>95% as determined by SDS-PAGE.

#### **Buffer**

Lyophilized from 0.22 µm filtered solution in Tris and NaCl, pH8.0. Normally Trehalose is added as protectant before lyophilization.

#### **Storage**

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.

The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile conditions after reconstitution after storage at -80°C.

### **Target**

#### **Target Protein**

CD39 / 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; ectonucleoside triphosphate diphosphohydrolase 1; CD39 antigen; ecto-ATP diphosphohydrolase 1; ecto-ATPDase 1; ecto-ATPase 1; ecto-apyrase; lymphoid cell activation antigen

#### **Gene ID**

[953](#)

#### **UniProt ID**

[P49961](#)