

Datasheet for ABIN7274171  
**CD39 Protein (AA 38-478) (His tag)**

## 2 Images

[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	CD39 (ENTPD1)
Protein Characteristics:	AA 38-478
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD39 protein is labelled with His tag.

## Product Details

Purpose:	Mouse CD39/ENTPD1 Protein
Sequence:	Thr38-Ile478
Characteristics:	Recombinant Mouse CD39/ENTPD1 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Thr38-Ile478.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	CD39 (ENTPD1)
Alternative Name:	CD39 ( <a href="#">ENTPD1 Products</a> )

## Target Details

**Background:** CD39, also known as ENTPD1, belongs to the GDA1/CD39 NTPase family. It is expressed primarily on activated lymphoid cells and can also be detected in endothelial tissues. CD39 is involved in the processes of thromboregulation and vascular inflammation. The administration of soluble NTPDase-1 may have therapeutic applications for the treatment of some vascular and transplantation-associated diseases .

**Molecular Weight:** 50.72 kDa. Due to glycosylation, the protein migrates to 68-78 kDa based on Tris-Bis PAGE result.

**UniProt:** [P55772](#)

## Application Details

**Restrictions:** For Research Use only

## Handling

**Format:** Lyophilized

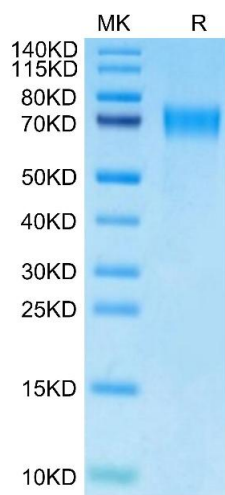
**Reconstitution:** Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

**Buffer:** Lyophilized from 0.22µm filtered solution in 20 mM Tris-HCl, 150 mM NaCl ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

**Storage:** -20 °C,-80 °C

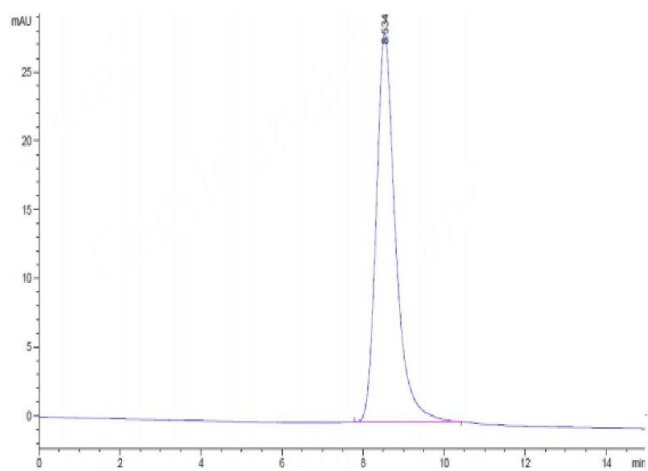
**Storage Comment:** -20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Expiry Date:** 12 months



SDS-PAGE

**Image 1.** Mouse CD39 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Mouse CD39 is greater than 95 % as determined by SEC-HPLC.