

[Go to Product page](#)

Datasheet for ABIN7488921 ENTPD2 Protein (His tag)

Overview

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|-------------------------------|---|
| Quantity: | 100 µg |
| Target: | ENTPD2 |
| Origin: | Mouse |
| Source: | CHO Cells |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Purification tag / Conjugate: | This ENTPD2 protein is labelled with His tag. |

Product Details

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|------------------|---|
| Purpose: | Mouse CD39L1 / ENTPD2 Protein, His Tag (active enzyme, MALS verified) |
| Sequence: | Cys 26 - Ser 462 |
| Characteristics: | Mouse CD39L1 / ENTPD2 Protein, His Tag is expressed from CHO cells. It contains AA Cys 26 - Ser 462 (Accession # O55026-1). |
| Purity: | 95 % |
| Endotoxin Level: | 1.0 EU per µg |
| Grade: | MALS verified |

Target Details

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|-------------------|--|
| Target: | ENTPD2 |
| Alternative Name: | CD39L1 (ENTPD2 Products) |

Target Details

Background: CD39L1, also known as ENTPD2 and NTPDase2, is an ectonucleotidase belonging to the CD39 family. It is found on the surface of vascular adventitial cells and accessory vascular cells . CD39L1 is a Ca²⁺ and Mg²⁺ dependent enzyme that hydrolyze ATP and other nucleotides to regulate purinergic neurotransmission. Hydrolyzes ADP only to a marginal extent. The order of activity with different substrates is ATP > GTP > CTP = ITP > UTP >> ADP = UDP. CD39L1 plays a role in regulating thrombosis and inflammation . It is considered to be a therapeutic target for thromboregulation and the treatment of vascular inflammation.

Molecular Weight: 50.2 kDa

Application Details

Comment: This protein carries a polyhistidine tag at the C-terminus. (10xHis) The protein has a calculated MW of 50.2 kDa. The protein migrates as 44-46 kDa and 64-70 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: 20 mM Tris, 150 mM NaCl, pH 7.5

Storage: -80 °C

Storage Comment: -70°C