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Datasheet for ABIN7489091 ENTPD2 Protein (His tag)

Overview

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

Product Details

Purpose:	Human CD39L1 / ENTPD2 Protein, His Tag (active enzyme, MALS verified)
Sequence:	Thr 29 - Asp 460
Characteristics:	Human CD39L1/ENTPD2 Protein, His Tag is expressed from CHO cells. It contains AA Thr 29 - Asp 460 (Accession # Q9Y5L3-1).
Purity:	95 %
Endotoxin Level:	1.0 EU per µg
Grade:	MALS verified

Target Details

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: 49.0 kDa

Application Details

Comment: This protein carries a polyhistidine tag at the C-terminus. (10xHis) The protein has a calculated MW of 49.0 kDa. The protein migrates as 36-37 kDa and 57-63 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