

## 32-9014: Recombinant Mouse Ecto-Nucleoside Triphosphate Diphosphohydrolase 2/CD39L1 (C-6His)

**Gene :** Entpd2  
**Gene ID :** 12496  
**Uniprot ID :** O55026

### Description

Source: Human Cells.

MW :49.2kD.

Recombinant Mouse Ecto-Nucleoside Triphosphate Diphosphohydrolase 2 is produced by our Mammalian expression system and the target gene encoding Cys26-Ser462 is expressed with a 6His tag at the C-terminus. CD39L1 protein (ENTPD2 or NTPDase2) is a member of the ecto-nucleoside triphosphate diphosphohydrolase family which the main role is termination of purinergic signaling. CD39L1 gene encodes a precursor protein with 495 amino acid residues which generates a 437 amino acid residues mature protein after processing. It is an ecto-nucleotidase that found on the surface of vascular adventitial cells and accessory vascular cells. CD39L1 is a Ca<sup>2+</sup>- and Mg<sup>2+</sup>-dependent enzyme that activates platelets by preferentially converting ATP to ADP. CD39L1 plays a role in regulating thrombosis and inflammation which is considered to be a therapeutic target for thromboregulation and the treatment of vascular inflammation. Alternative splicing of CD39L1 gene results in multiple transcript variants.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 50mMTris, 10mMNaCl, 150mMNaCl, pH7.5, 10%glycerol .  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** CVPTQDVREPPALKYGIVLDAGSSHTSMFVYKWPADKENDTGIVGQHSSCDVRGGGISSYANDPSRAGQSLVE  
CLEQALRDVPKDRYASTPLYLGATAGMRLNLTSPKATAKLEAVTQTLTRYPFDFRGARILSGQDEGVFGWVT  
ANYLLENFIKYGWVGRWIRPRKGTGLGAMD LGGASTQITFETTSPEPDNEVHLRLYGQHYRVYTHSFLCYGR  
DQVLQRL LASALQIHRFHPCWPKGYSTQVLLREYQSPCTMGQRPTFNSSATVSLSGTSNAALCRDLVSGLF  
NISSCPFSQCSFNGVFQPPVAGNFIAFAFYTVDFLKTVMGLPVGTLKQLEDATETTCNQTWAEQARVPGQQ  
TRLPDYCAVAMFIHQLLSRGYRFDERSFRGVVFEKKAADTAVGWALGYMLNLTNLIPADLPGLRKGTHFSHHH  
HHH

### Application Note

**Endotoxin :** Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.