

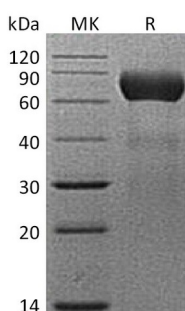
Product Name: Recombinant Mouse CD39L1 (C-6His)
Catalog #: PHM0553



Summary

Name	CD39L1/Ecto-Nucleoside Triphosphate Diphosphohydrolase 2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	O55026
Host	Human Cells
Species	Mouse
Predicted Molecular Mass	49.2 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 50mM Tris-HCl, 10mM CaCl ₂ , 150mM NaCl, 10% Glycerol, pH 7.5.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

Alternative Names Ectonucleoside triphosphate diphosphohydrolase 2; Entpd2

Background CD39L1 protein (ENTPD2 or NTPDase2) is a member of the ecto-nucleoside triphosphate diphosphohydrolase family which the main role is termination of

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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^{2+} - and Mg^{2+} -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.

Note

For Research Use Only , Not for Diagnostic Use.