

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



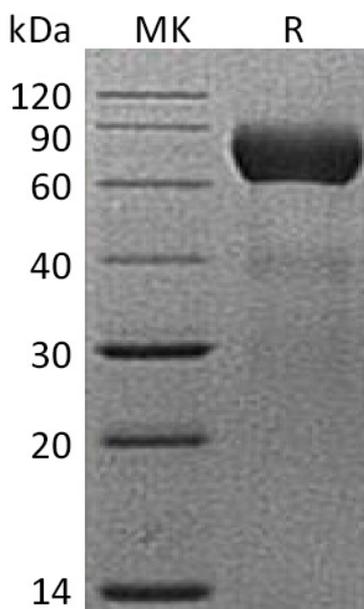
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## Summary

<b>Name</b>	CD39L1/Ecto-Nucleoside Triphosphate Diphosphohydrolase 2
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	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.
<b>Accession #</b>	O55026
<b>Host</b>	Human Cells
<b>Species</b>	Mouse
<b>Predicted Molecular Mass</b>	49.2 KDa
<b>Formulation</b>	Supplied as a 0.2 μm filtered solution of 50mM Tris-HCl, 10mM CaCl <sub>2</sub> , 150mM NaCl, 10% Glycerol, pH 7.5.
<b>Shipping</b>	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	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.
<b>Reconstitution</b>	

## SDS-PAGE image

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### **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 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  $\text{Ca}^{2+}$ - and  $\text{Mg}^{2+}$ -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.