

Active Recombinant Mouse Entpd1 protein, His-tagged, Low Endotoxin

Cat. No. Entpd1-2210M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Entpd1 protein(P55772)(38-478 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	38-478 aa
Form	Lyophilized from 0.22µm filtered solution in 20mM Tris-HCl, 150mM NaCl (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Measured by its ability to hydrolyze the 5'-phosphate groups from the substrate adenosine-5'-triphosphate (ATP). The specific activity is >18,000 pmol/min/g.
Molecular Mass	The protein has a predicted MW of 50.72 kDa. Due to glycosylation, the protein migrates to 68-78 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

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for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [Entpd1 ectonucleoside triphosphate diphosphohydrolase 1 \[Mus musculus \]](#)

Official Symbol [Entpd1](#)

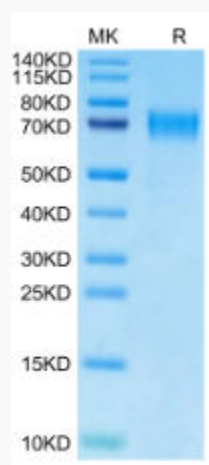
Synonyms ENTPD1; ectonucleoside triphosphate diphosphohydrolase 1; NTPDase 1; ectoapyrase; CD39 antigen; ecto-apyrase; ecto-ATPase 1; ecto-ATPDase 1; ecto-ATP diphosphohydrolase 1; lymphoid cell activation antigen; Cd39; AA408691; NTPDase-1; 2610206B08Rik;

Gene ID [12495](#)

mRNA Refseq [NM_009848](#)

Protein Refseq [NP_033978](#)

Bis-Tris PAGE



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