

Active Recombinant Mouse Entpd1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Entpd1 protein(Thr 38 -Ile 478), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
Form	Lyophilized from 0.22 µm filtered solution in 20mM Tris, 150mM NaCl, pH8.0 with trehalose as protectant.
Bio-activity	Measured by its ability to hydrolyze the 5'-phosphate group from the substrate adenosine-5'-triphosphate (ATP). The specific activity is > 25000 pmol/min/µg.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 51.7 kDa. The protein migrates as 66-70 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Thr38-Ile478
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C

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to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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](#)

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