

Active Recombinant Mouse ENTPD2 protein, His-tagged

Cat. No. ENTPD2-3016M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse ENTPD2 protein(Cys 26-Ser 462), fused with His tag, was expressed in CHO.
Species	Mouse
Source	CHO
ProteinLength	Cys 26-Ser 462
Form	Supplied as 0.2 µm filtered solution in 20mM Tris,150mM NaCl,pH7.5 with glycerol as protectant.
Bio-activity	Measured by its ability to hydrolyze the 5'-phosphate groups from the substrate adenosine-5'-triphosphate (ATP). The specific activity is >5000 pmol/min/µg
Molecular Mass	This protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 50.2 kDa. The protein migrates as 44-46 kDa and 64-70 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >95% as determined by SEC-MALS.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after storage

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at:-20°C 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 [Entpd2 ectonucleoside triphosphate diphosphohydrolase 2 \[Mus musculus \]](#)

Official Symbol [ENTPD2](#)

Synonyms

ENTPD2; ectonucleoside triphosphate diphosphohydrolase 2; NTPDase 2; ecto-ATPase 2; ecto-ATPDase 2; CD39 antigen-like 1; ecto-ATP diphosphohydrolase 2; Cd39l1; NTPDase2;

Gene ID [12496](#)

mRNA Refseq [NM_009849](#)

Protein Refseq [NP_033979](#)

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