

Active Recombinant Mouse Entpd2 Protein, His-tagged

Cat. No. Entpd2-989M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Entpd2 (Accession # O55026) Cys26-Ser462, fused with a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Mouse
Source	CHO
ProteinLength	Cys26-Ser462
Predicted N Terminal	Cys26
Form	Supplied as a 0.2 µ filtered solution in Tris, NaCl, CaCl ₂ and Glycerol.
Bio-activity	Measured by its ability to hydrolyze the 5"-phosphate groups from the substrate adenosine-5"-triphosphate (ATP). The orthophosphate product is measured by a Malachite Green Phosphate Detection Kit. The specific activity is >9,000 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant Mouse Entpd2, His-tagged has a calculated MW of 49 kDa. In SDS-PAGE migrates as 60-80 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

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
MIM	

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