

## Active Recombinant Mouse Entpd2 Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	CHO
<b>ProteinLength</b>	Cys26-Ser462
<b>Predicted N Terminal</b>	Cys26
<b>Form</b>	Supplied as a 0.2 µm filtered solution in Tris, NaCl, CaCl <sub>2</sub> and Glycerol.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	Recombinant Mouse Entpd2, His-tagged has a calculated MW of 49 kDa. In SDS-PAGE migrates as 60-80 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	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

<b>Gene Name</b>	Entpd2 ectonucleoside triphosphate diphosphohydrolase 2 [ Mus musculus ]
<b>Official Symbol</b>	Entpd2
<b>Synonyms</b>	ENTPD2; ectonucleoside triphosphate diphosphohydrolase 2; NTPDase 2; ecto-ATPase 2; ecto-ATPDase 2; CD39 antigen-like 1; ecto-ATP diphosphohydrolase 2; Cd39l1; NTPDase2;
<b>Gene ID</b>	12496
<b>mRNA Refseq</b>	NM_009849
<b>Protein Refseq</b>	NP_033979
<b>MIM</b>	

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