

Active Recombinant Mouse Entpd3, His-tagged

Cat. No. Entpd3-350M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Entpd3 (Accession # AAH79871) Gln44-Pro485, fused with a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Mouse
Source	CHO
ProteinLength	44-485 a.a.
Predicted N Terminal	No results obtained, Gln 44 predicted.
Form	Supplied as a 0.2 µ filtered solution in PBS.
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 >20,000 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant Mouse Entpd3, His-tagged has a calculated MW of 50 kDa. In SDS-PAGE migrates as 85-100 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	Entpd3 ectonucleoside triphosphate diphosphohydrolase 3 [Mus musculus (house mouse)]
Official Symbol	Entpd3
Synonyms	Entpd3; ectonucleoside triphosphate diphosphohydrolase 3; HB6; Cd39l3; NTPDase-3; ectonucleoside triphosphate diphosphohydrolase 3; CD39 antigen-like 3; NP_848791.2; EC 3.6.1.5
Gene ID	215446
mRNA Refseq	NM_178676
Protein Refseq	NP_848791
MIM	
Chromosome Location	9; 9 F4

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