

Active Recombinant Mouse Entpd6 Protein, His-tagged

Cat. No. Entpd6-844M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Entpd6 (Accession # NP_742115) Lys33-Leu455, fused with an N-terminal human CD33 signal sequence and 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Mouse
Source	CHO
ProteinLength	Lys33-Leu455
Predicted N Terminal	His
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 guanosine-5"-diphosphate (GDP). The orthophosphate product is measured by a Malachite Green Phosphate Detection Kit. The specific activity is >80,000 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant Mouse Entpd6, His-tagged has a calculated MW of 47 kDa. In SDS-PAGE migrates as 50-60 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 μg per lane.

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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 months (-70°C).
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GENE INFORMATION

Gene Name	Entpd6 ectonucleoside triphosphate diphosphohydrolase 6 [<i>Mus musculus</i>]
Official Symbol	Entpd6
Synonyms	ENTPD6; ectonucleoside triphosphate diphosphohydrolase 6; CD39 antigen-like 2; Cd39l2; NTPDase-6; 2700026H11Rik;
Gene ID	12497
mRNA Refseq	NM_172117
Protein Refseq	NP_742115
MIM	

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