Active Recombinant Mouse Enpp7, His-tagged

Cat. No. Enpp7-651M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Enpp7 (Accession # NP_001025462) Ala22-Gln421, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	22-421 a.a.
Predicted N Terminal	Ala22
Form	Supplied as a 0.2 μm filtered solution in Tris and NaCl.
Bio-activity	Measured by its ability to hydrolyze sphingomyelin to ceramide and phosphorylcholine. The phosphorylcholine is cleaved by Recombinant Human Alkaline Phosphatase/ALPL and the phosphate is detected/measured by a Malachite Green Phosphate Detection Kit .The specific activity is >13,000 pmol/min/μg, as measured under the described conditions.
Molecular Mass	Recombinant Mouse Enpp7, His-tagged has a calculated MW of 47 kDa. In SDS-PAGE migrates as 60 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

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	lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

GENE INFORMATION

Gene Name	Enpp7 ectonucleotide pyrophosphatase/phosphodiesterase 7 [Mus musculus]
Official Symbol	Enpp7
Synonyms	ENPP7; ectonucleotide pyrophosphatase/phosphodiesterase 7; Gm254; Alk-SMase;
Gene ID	404708
mRNA Refseq	
Protein Refseq	
MIM	

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