

Recombinant Mouse ENPP2 protein(Ser49-Ile862), His-tagged

Cat. No. Enpp2-1189M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse ENPP2 (Q9R1E6-1) (Ser 49-Ile 862) was expressed in HEK293, fused with a polyhistidine tag at the N-terminus.
Species	Mouse
Source	HEK293
ProteinLength	49-862 a.a.
Form	Lyophilized from sterile 20mM Tris, 150mM NaCl, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse ENPP2 comprises 833 amino acids and predicts a molecular mass of 96 kDa. As a result of glycosylation, the apparent molecular mass of mouse ENPP2 is approximately 55-75 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 93 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Enpp2 ectonucleotide pyrophosphatase/phosphodiesterase 2 \[Mus musculus \]](#)

Official Symbol [ENPP2](#)

Synonyms ENPP2; ectonucleotide pyrophosphatase/phosphodiesterase 2; ectonucleotide pyrophosphatase/phosphodiesterase family member 2; E-NPP 2; lysoPLD; autotaxin; extracellular lysophospholipase D; phosphodiesterase I/nucleotide pyrophosphatase 2; ATX; Npps2; Pdn2; PD-Ialpha;

Gene ID [18606](#)

mRNA Refseq [NM_001136077](#)

Protein Refseq [NP_001129549](#)

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