

Recombinant Mouse Enpp2 protein, His-tagged

Cat. No. Enpp2-4676M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Enpp2 protein(Q9R1E6-1)(Ser49-Ile862), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Ser49-Ile862
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Measured by its ability to cleave Bis (p-Nitrophenyl) Phosphate (BPNPP). The specific activity is > 10000 pmol/min/µg, as measured under the described conditions.
Molecular Mass	The protein has a predicted MW of 94.7 kDa. Due to glycosylation, the protein migrates to 95-110 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual

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defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

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](#)

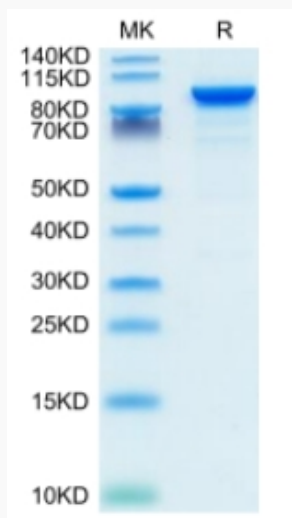
Protein Refseq [NP_001129549](#)

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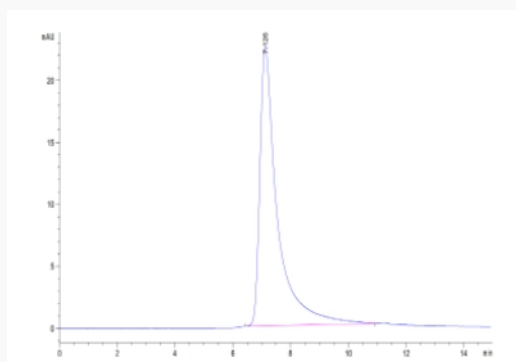
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Tris-Bis PAGE



SEC-HPLC



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