

Recombinant Rat Enpp2 Protein, His-tagged

Cat. No. Enpp2-553R **Lot. No.** (See product label)

SPECIFICATION

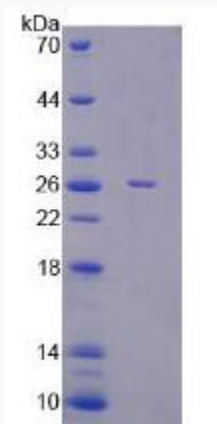
Product Overview	Recombinant Rat Enpp2(Thr54~Trp254) fused with His tag at N-terminal was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Thr54~Trp254
Form	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	26.5kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in 100mM NaHCO ₃ , 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
GENE INFORMATION	
Gene Name	Enpp2 ectonucleotide pyrophosphatase/phosphodiesterase 2 [Rattus norvegicus]
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 (autotaxin); MGC93258;
Gene ID	84050
mRNA Refseq	NM_057104
Protein Refseq	NP_476445
UniProt ID	Q64610



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