

Recombinant Rat Enpp7 protein, His-tagged

Cat. No. Enpp7-7724R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Enpp7 aa. (Gly22~Val439) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gly22~Val439
Form	Freeze-dried powder
Molecular Mass	51kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.6.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays; Purification; Amine Reactive Labeling.
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°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less

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than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

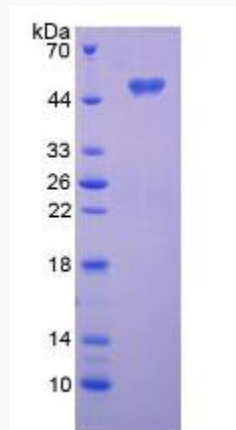
Gene Name	Enpp7 ectonucleotide pyrophosphatase/phosphodiesterase 7 [Rattus norvegicus (Norway rat)]
Official Symbol	Enpp7
Synonyms	E-NPP 7; E-NPP7; NPP-7; alk-SMase; alkaline sphingomyelin phosphodiesterase; intestinal alkaline sphingomyelinase; sphingomyelinase, intestinal alkaline; ectonucleotide pyrophosphatase/phosphodiesterase family member 7
Gene ID	303729
mRNA Refseq	NM_001012466.1
Protein Refseq	NP_001012484.1
UniProt ID	Q5EZ72

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SDS-PAGE



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