

Active Recombinant Rat Enpp3 protein, His-tagged, Low Endotoxin

Cat. No. ENPP3-1762R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Enpp3 protein(P97675)(46-875 aa), fused with N-terminal His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	46-875 aa
Form	Lyophilized from 0.22 µm filtered solution in 50mM Tris, 150mM NaCl (pH 8.0). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Measured by its ability to hydrolyze thymidine 5'-monophosphate p-nitrophenyl ester. The specific activity is > 15000 pmol/min/µg.
Molecular Mass	The protein has a predicted MW of 95.37 kDa. Due to glycosylation, the protein migrates to 115-135 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal

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storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [Enpp3 ectonucleotide pyrophosphatase/phosphodiesterase 3 \[Rattus norvegicus \]](#)

Official Symbol [Enpp3](#)

Synonyms ENPP3; ectonucleotide pyrophosphatase/phosphodiesterase 3; ectonucleotide pyrophosphatase/phosphodiesterase family member 3; B10; E-NPP 3; PD-Ibeta; RB13-6 antigen; phosphodiesterase I beta; alkaline phosphodiesterase; phosphodiesterase I/nucleotide pyrophosphatase 3; Npp3; RB13-6;

Gene ID [54410](#)

mRNA Refseq [NM_019370](#)

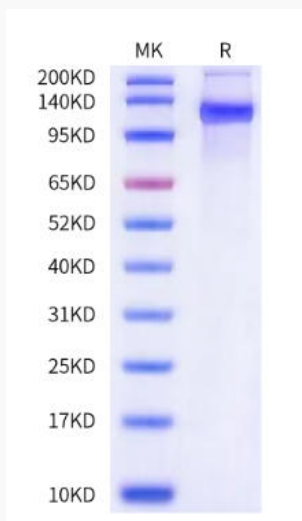
Protein Refseq [NP_062243](#)

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Bis-Tris PAGE



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