

Active Recombinant Human ENPP2 protein, His-tagged, Low Endotoxin

Cat. No. ENPP2-03H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ENPP2 protein(NP_001035181)(Asp49-Ile863), fused with N-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	49-863 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% 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.
Molecular Mass	The protein has a predicted MW of 94.8 kDa. Due to glycosylation, the protein migrates to 95-115 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
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

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for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [ENPP2 ectonucleotide pyrophosphatase/phosphodiesterase 2 \[Homo sapiens \]](#)

Official Symbol [ENPP2](#)

Synonyms ENPP2; ectonucleotide pyrophosphatase/phosphodiesterase 2; PDNP2; ectonucleotide pyrophosphatase/phosphodiesterase family member 2; ATX; autotaxin; PD IALPHA; E-NPP 2; autotaxin-t; plasma lysophospholipase D; extracellular lysophospholipase D; phosphodiesterase I/nucleotide pyrophosphatase 2; NPP2; ATX-X; LysoPLD; AUTOTAXIN; PD-IALPHA; FLJ26803;

Gene ID [5168](#)

mRNA Refseq [NM_001040092](#)

Protein Refseq [NP_001035181](#)

MIM [601060](#)

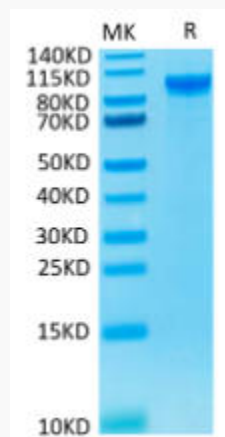
UniProt ID [Q13822](#)

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Bis-Tris PAGE



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