

Recombinant Human ENPP2 protein, His-tagged

Cat. No. ENPP2-3410H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ENPP2 protein(30-383 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	30-383 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	AHRIKRAEGWEEGPPTVLSDSPWTNISGSCKGRCFELQEAGPPDCRCDNLCKSYT SCCHDFDELCLKTARGWECTKDRCGEVRNEENACHCSEDCLARGDCCTNYQVVC KGESHWVDDDCEEIKAAECPAGFVRPPLIIFSVDGFRASYMKKGSKVMPIEKLRS GTHSPYMRPVYPTKTFPNLYTLATGLYPESHGIVGNSMYDPVFDATFHLRGREKFN HRWWGGQPLWITATKQGVKAGTFFWSVIPHERRILTILQWLTPDHERPSVYAFY SEQPDFSGHKYGPFGPEMTNPLREIDKIVGQLMDGLKQLKLHRCVNVIFVGDHGM E DVTCDRTEFLSNYLTNVDDI
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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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