

Recombinant Human Full Length ENPP2 Protein, His tagged

Cat. No. ENPP2-794H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Full Length ENPP2 Protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-863 aa
Description	The protein encoded by this gene functions as both a phosphodiesterase, which cleaves phosphodiester bonds at the 5' end of oligonucleotides, and a phospholipase, which catalyzes production of lysophosphatidic acid (LPA) in extracellular fluids. LPA evokes growth factor-like responses including stimulation of cell proliferation and chemotaxis. This gene product stimulates the motility of tumor cells and has angiogenic properties, and its expression is upregulated in several kinds of carcinomas. The gene product is secreted and further processed to make the biologically active form. Several alternatively spliced transcript variants encoding different isoforms have been identified.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 %-8% trehalose is added as protectants before lyophilization.
Molecular Mass	94.5 kDa
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and

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Coomassie blue staining.

Storage

Store at -20 to -80 centigrade for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 centigrade (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Shipping

Ambient

GENE INFORMATION

Gene Name

ENPP2 ectonucleotide pyrophosphatase/phosphodiesterase 2 [Homo sapiens (human)]

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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