

## Recombinant Human ENPP5 protein, His-tagged

Cat. No. ENPP5-7317H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ENPP5 protein(Q9UJA9)(Met1-Gly429), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Gly429
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human ENPP5 is a disulfide-linked homodimer. The reduced monomer comprises 416 amino acids and has a predicted molecular mass of 48.1 kDa. The apparent molecular mass of the protein is approximately 81 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 96 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** ENPP5 ectonucleotide pyrophosphatase/phosphodiesterase 5 (putative) [ Homo sapiens ]

**Official Symbol** ENPP5

**Synonyms** ENPP5; ectonucleotide pyrophosphatase/phosphodiesterase 5 (putative); ectonucleotide pyrophosphatase/phosphodiesterase family member 5; NPP-5; E-NPP 5; ectonucleotide pyrophosphatase/phosphodiesterase 5 (putative function); KIAA0879;

**Gene ID** 59084

**mRNA Refseq** NM\_021572

**Protein Refseq** NP\_067547

**UniProt ID** Q9UJA9

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