

Active Recombinant Human ENPP1 protein, His-tagged

Cat. No. ENPP1-1235H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ENPP1 protein(Lys98-Asp925), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	98-925 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its ability to hydrolyze thymidine 5'-monophosphate p-nitrophenyl ester. The specific activity is >63600 pmol/min/µg, as measured under the described conditions.
Molecular Mass	95.95 kDa
Endotoxin	< 0.01 EU/µg of the protein by LAL method
Purity	≥ 90% as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

Gene Name [ENPP1 ectonucleotide pyrophosphatase/phosphodiesterase 1 \[Homo sapiens \]](#)

Official Symbol [ENPP1](#)

Synonyms

ENPP1; ectonucleotide pyrophosphatase/phosphodiesterase 1; M6S1, NPPS, PDNP1; ectonucleotide pyrophosphatase/phosphodiesterase family member 1; PC 1; PCA1; E-NPP 1; Ly-41 antigen; alkaline phosphodiesterase 1; plasma-cell membrane glycoprotein 1; plasma-cell membrane glycoprotein PC-1; membrane component chromosome 6 surface marker 1; phosphodiesterase I/nucleotide pyrophosphatase 1; membrane component, chromosome 6, surface marker 1; M6S1; NPP1; NPPS; PC-1; ARHR2; PDNP1;

Gene ID [5167](#)

mRNA Refseq [NM_006208](#)

Protein Refseq [NP_006199](#)

MIM [173335](#)

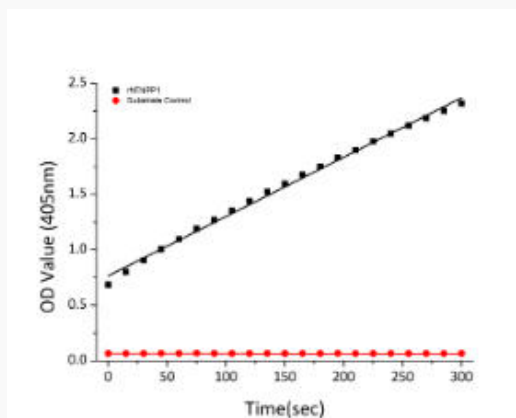
UniProt ID [P22413](#)

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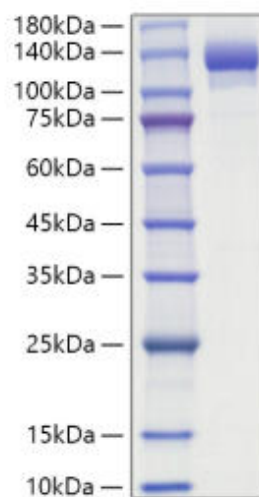
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Activity



SDS-PAGE



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