

Ectonucleotide Pyrophosphatase Human Recombinant

Item Number	rAP-1556
Synonyms	Ectonucleotide pyrophosphatase/phosphodiesterase family member 1, E-NPP 1, Membrane component chromosome 6 surface marker 1, Phosphodiesterase I/nucleotide pyrophosphatase 1, Plasma-cell membrane glycoprotein PC-1, ENPP1, M6S1, NPPS, PC1, PDNP1, NPP1, PC-
Description	ENPP1 Human Recombinant produced in HEK cells is a single, glycosylated, polypeptide chain (a.a 98-925) containing a total of 840 amino acids, having a molecular mass of 96.5kDa (calculated) though it migrates at approximately 110kDa on SDS PAGE, the ENPP1 is also composed of a 2 a.a N-terminal linker, a
Uniprot Accession Number	P22413
Amino Acid Sequence	ASKPSCAKEV KSCKGRCFER TFGNCRCDAA CVELGNCCLD YQETCIEPEH IWTCNKFRCG EKRL- TRSLCA CSDDCKDKGD CCINYSSVCQ GEKSWVEEPC ESINEPQCPA GFETPPTLLF SLDGFRAEYL HTWGGLLPVI SKLKKCGTYT KNMRPVYPTK TFPNHYSIVT GLYPESHGII DNKMYDPKMN ASFSLK- SKEK FNPEWYKGEP IWVTAKYQGL KSGTFFWPGS DVEINGIFPD IYKMYNGSVP FEERILAVLQ WLQLPKDERP HFYTLYLEEP DSSGHSYGPV SSEVIKALQR VDGVMGMLMD GLKELNLHRC LNLI- LISDHG MEQGSKKYYI YLNKYLGDKV NIKVIYGPAA RLRPSDVPDK YYSFNIEGIA RNLSCREPNQ HFKPYLKHFL PKRLHFAKSD RIEPLTFYLD PQWQLALNPS ERKYCGSGFH GSDNVFSNMQ ALFVGYG- PGF KHGIEADTFE NIEVYNLMCD LLNLTPAPNN GTHGSLNHLL KNPVYTPKHP KEVHPLVQCP FTRN-
Source	HEK 293.
Physical Appearance and Stability	Filtered lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time.
Formulation and Purity	Filtered (0.4µm) and lyophilized from 0.5mg/ml in 0.05M phosphate buffer and 0.075M NaCl, pH 7.4. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to add deionized water to a working concentration of 0.5mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**