

RPPB1619

## Product Information Protein Information

**Product SKU:**

RPPB1619

**Accession:**

P22413

**Host:**

HEK 293.

**Protein 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 4 a.a C-terminal linker and fused to a 6 a.a His tag at C-Terminus. The Human ENPP1 is purified by proprietary chromatographic techniques.

**Appearance:**

Filtered lyophilized (freeze-dried) powder.

**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-1, PCA1, ARHR2, COLED.

**Formulation:**

Filtered (0.4µm) and lyophilized from 0.5mg/ml in 0.05M phosphate buffer and 0.075M NaCl, pH 7.4.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**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.

**Stability:**

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.

**Amino Acid Sequence:**

ASKPSCAKEV KSCCKGRFCER TFGNCRCDAA CVELGNCCLD YQETCIEPEH IWTCNKFRCG EKRLTRSLCA  
CSDDCKDKGD CCINYSSVCQ GEKSWVEEPC ESINEPQCPA GFETPPTLLF SLDGFRAEYL HTWGGLLPVI  
SKLKKCGTYT KNMRPVYPTK TFPNHYSIVT GLYPESHGII DNKMYDPKMN ASFSLKSEK FNPEWYKGEF  
IWVTAKYQGL KSGTFFWPGS DVEINGIFPD IYKMYNGSVP FEERILAVLQ WLQLPKDERP HFYTLYLEEP  
DSSGHSYGPV SSEVIKALQR VDGVMVGLMD GLKELNLHRC LNLILSDHG MEQGSCKKYI YLNKYLGDVK  
NIKVIYGPA RLRPSDVPDK YYSFNYEGIA RNLSCREPNQ HFKPYLKHFL PKRLHFAKSD RIEPLTFYLD  
PQWQLALNPS ERKYCGSGFH GSDNVFSNMQ ALFVGYPGPF KHGIEADTFE NIEVYNLMCD LLNLTPAPNN  
GTHGSLNHLL KNPVYTPKHP KEVHPLVQCP FTRNPRDNLG CSCNPSILPI EDFQTQFNLT VAEKIIKHE  
TLPYGRPRVL QKENTICLLS QHQFMSGYSQ DILMPLWTSY TVDRNDSFST EDFSNCLYQD FRIPLSPVHK  
CSFYKNNTKV SYGFLSPPQL NKNSSGIYSE ALLTTNIVPM YQSFQVIWRY FHDTLLRKYA EERNQVNVVS

GPVDFDYDG RCDSLENLRQ KRRVIRNQEI LIPTHFFIVL TSCKDTSQTP LHCENLDTLA FILPHRTDNS  
ESCVHGKHDS SWVEELLMLH RARITDVEHI TGLSFYQQRK EPVSDILKLK THLPTFSQED GPKLHHHHHH.