

Ectonucleotide Pyrophosphatase Recombinant Protein | ENPP1 recombinant protein

Recombinant Human Ectonucleotide Pyrophosphatase

CATALOG #
AAA39082

PRODUCT SYNONYMS

Ectonucleotide Pyrophosphatase; Recombinant Human Ectonucleotide Pyrophosphatase; Ectonucleotide pyrophosphatase/phosphodiesterase family member 1; ENPP 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; ENPP1 recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater than 95% as determined by SDS-PAGE
Form/Format	Filtered (0.4 um) and lyophilized from 0.5mg/ml in 0.05M phosphate buffer and 0.075M NaCl, pH 7.4. Filtered lyophilized (freeze-dried) powder.
Sequence	<u>ASK</u> PSCAKEVKSC KGRCFERTFG NCRDAAACVE LGNCCLDYQE TCIEPEHIWT CNKFRCGEKR LTRSLCACSD DCKDKGDCCI NYSSVCQGEK SWVEEPCESI NEQCPAGFE TPPTLLFSLD GFRAEYLHTW GGLLPVISKL KKCGTYTKNM RPVYPTKTFP NHYSIVTGLY PESHGIIDNK MYDPKMNASF SLKSKEKFPN EWYKGEPWV TAKYQGLKSG TFFWPGSDVE INGIFPDIYK MYNGSVPFEE RILAVLQWLQ LPKDERPHFY TLYLEPDSS GHSYGPVSSE VIKALQRVDG MVGMLMDGLK ELNLHRCNLN ILISDHGMEQ GSCKKYIYLN KYLGDVKNIK VIYGPAARLR PSDVPDKYYS FNYEGIARNL SCREPNQHFK PYLKHFLPKR LHFAKSDRIE PLTFYLDPQW QLALNPSEK YCGSGFHGSD NVFSNMQALF VGYGPGFKHG IEADTFENIE VYNLMCDLLN LTPAPNNGTH GSLNHLLKNP VYTPKHPKEV HPLVQCPFTR NPRDNLGCSC NPSILPIEDF QTQFNLTVAE EKIHKETLP YGRPRVLQKE NTICLLSQHQ FMSGYSQDIL MPLWTSYTV D RNSFSSTEDF SNCLYQDFRI PLSPVHKCSF YKNNTKVSYG FLSPQLNKN SSGIYSEALL TTNIVPMYQS FQVIWRYFHD TLLRKYAEER NGVNVVSGPV FDFDYDGRCD SLENLRQKRR VIRNQEILIP THFFIVLTSC KDTSQTPLHC ENLDTLAFIL PHRTDENSEC VHGHKDDSWV EELLMLHRAR ITDVEHITGL SFYQQRKEPV SDILKLKTHL PTFSQED <u>GPKLHHHHHH</u> .
Sequence Length	925
Source	HEK 293
Solubility	It is recommended to add 200ul 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.
Preparation and Storage	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.

ADDITIONAL INFORMATION

Related Product Information for ENPP1 recombinant 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.
Product Categories/Family for ENPP1 recombinant protein	Enzymes; Phosphatase

NCBI AND UNIPROT INFORMATION

NCBI GI #	170650661
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NCBI GeneID	5167
NCBI Accession #	NP_006199.2
NCBI GenBank Nucleotide #	NM_006208.2
UniProt Accession #	P22413; Q5T9R6; Q9NPZ3; Q9P1P6; Q9UP61; Q9Y6K3
NCBI Official Full Name	ectonucleotide pyrophosphatase/phosphodiesterase family member 1
NCBI Official Synonym Full Names	ectonucleotide pyrophosphatase/phosphodiesterase 1
NCBI Official Symbol	ENPP1
NCBI Official Synonym Symbols	M6S1; NPP1; NPPS; PC-1; PCA1; ARHR2; COLED; PDNP1
NCBI Protein Information	ectonucleotide pyrophosphatase/phosphodiesterase family member 1; E-NPP 1; Ly-41 antigen; alkaline phosphodiesterase 1; membrane component chromosome 6 surface marker 1; membrane component, chromosome 6, surface marker 1; phosphodiesterase I/nucleotide pyrophosphatase 1; plasma-cell membrane glycoprotein 1; plasma-cell membrane glycoprotein PC-1
UniProt Protein Name	Ectonucleotide pyrophosphatase/phosphodiesterase family member 1
UniProt Gene Name	ENPP1
UniProt Synonym Gene Names	M6S1; NPPS; PC1; PDNP1; E-NPP 1; NPPase
UniProt Entry Name	ENPP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/enpp1-recombinant-protein/39082>