

PRODUCT DATA SHEET

ENPP1 Protein Human HEK293

Cat. No.: RD172124100**Size:** 0.1 mg**Source:** HEK293**Type:** Recombinant protein**Species:** Human**Other Names:**

Ectonucleotide pyrophosphatase/phosphodiesterase family member 1, E-NPP 1, Membrane component chromosome 6 surface marker 1, Phosphodiesterase I/nucleotide pyrophosphatase 1, NPP-1, Plasma-cell membrane glycoprotein, PC-1

Description:

Total 840 AA, UniProt P22413 (Lys98-Asp925). MW: 96.5 kDa (calculated), migrates at ~ 110 kDa on SDS PAGE; N-terminal linker (2 extra AA), C-terminal linker (4 extra AA) and C-terminal His-tag (6 extra AA). Protein identity confirmed by MS.

Amino Acid Sequence:

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ASKPSCAKEV KSCCKGRCFER TFGNCRCDAA CVELGNCCLD YQETCIEPEH IWTCNKFRCG
EKRLTRSLCA CSDDCKDKGD CCINYSSVCQ GEKSWVEEPC ESINEPQCPA GFETPPTLLF
SLDGFRAEYL HTWGGLLPVI SKLKKCGTYT KNMRPVYPTK TFPNHYSIVT GLYPESHGII
DNKMYDPKMN ASFSLKSKEK FNPEWYKGEF IWVTAKYQGL KSGTFFWPGS DVEINGIFPD
IYKMYNGSVP FEERILAVLQ WLQLPKDERP HFYTLYLEEP DSSGHSYGPV SSEVIKALQR
VDGMVGLMD GLKELNLHRC LNLILISDHG MEQGSCKKYI YLNKYLGDVK NIKVIYGPA
RLRP SDVPDK YYSFN YEGIA RNLSCREPNQ HFKPYLKHFL PKRLHFAKSD RIEPLTFYLD
PQWQLALNPS ERKYCGSGFH GSDNVFSNMQ ALFVGYGPGF KHGIEADTFE NIEVYNLMCD
LLNLTPAPNN GTHGSLNHL KNPVYTPKHP KEVHPLVQCP FTRNPRDNLG CSCNP SILPI
EDFQTQFNLT VAEEKIKHE TLPYGRPRVL QKENTICLLS QHQFMSGYSQ DILMPLWTSY
TVDRNDSFST EDFSNCLYQD FRIP LSPVHK CSFYKNNTKV SYGFLSPPQL NKNSSGIYSE
ALLTTNIVPM YQSFQVIWRY FHDTLLRKYA EERNGVNVVS GPVDFDFDYDG RCD SLENLRQ
KRRVIRNQEI LIPTHFFIVL TSKDTSQTP LHCENLDTLA FILPHRTDNS ESCVHGK HDS
SWVEELMLH RARITDVEHI TGLSFYQQRK EPVSDILK LK THLPTFSQED GPKLHHHHHHH
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Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

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

Reconstitution:

Add deionized water to prepare a working stock solution of 0.5 mg/mL and let the lyophilized pellet dissolve completely.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for a week.

Quality Control:

BCA to determine quantity of the protein.
SDS PAGE to determine purity of the protein.
Endotoxin level determination.

Applications:

ELISA, Western blotting

Note:

This product is intended for research use only.