

## PRODUCT DATA SHEET

### ENPP1 Protein Mouse HEK293

**Cat. No.:** RD275597100**Size:** 0.1 mg**Source:** HEK293**Type:** Recombinant protein**Species:** Mouse**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 828 AA. MW 95.2 kDa (calculated). UniProtKB acc. no. P06802 (Lys85-Glu906). C-terminal his-tag (6 extra AA). Protein identity confirmed by MS.

**Amino Acid Sequence:**

```
KEVKSCCKGRC FERTFSNCRG DAACVSLGNC CLDFQETCVE PTHIWTCNKF RCGEKRLSRF
VCSCADDCKT HNDCCINYSS VCQDKKSWVE ETCESIDTPE CPAEFESPPT LLFSLDGFRA
EYLHTWGGLL PVISKLKNCG TYTKNMRPMY PTKTFPNHYS IVTGLYPESH GIIDNKMYDP
KMNASFSLKS KEKFNPLWYK GQPIWVTANH QEVKSGTYFW PGSDVEIDGI LPDIYKVYNG
SVPFEERILA VLEWLQLPSH ERPHFYTTYL EEPDSSGSH GPVSSEVIKA LQKVDRLVGM
LMDGLKDLGL DKCLNLILIS DHGMEQGSCK KYVYLNKYLK DVNNVKVYVG PAARLRPTDV
PETYYSFNYE ALAKNLSCRE PNQHFRPYLK PFLPKRLHFA KSDRIEPLTF YLDPQWQLAL
NPSEKCYCGS GFHGSDNLFS NMQALFIGYG PAFKHGAEVD SFENIEVYNL MCDLLGLIPA
PNNNGSHGSLN HLLKKPIYNP SHPKKEGFLS QCPIKSTSD LGCTCDPWIV PIKDFEKQLN
LTTEDVDDIY HMTVPYGRPR ILLKQHHVCL LQQQQFLTGY SLDLLMPLWA SYTFLRNDQF
SRDDFSNCLY QDLRIPLSPV HKCSYYKSNS KLSYGFLTPP RLNRVSNHIY SEALLTSNIV
PMYQSFQVIW HYLHDTLLQR YAHERNGINV VSGPVDFDFY DGRYDSLEIL QNSRVIRSQ
EILIPTHFFI VLTSCQLSE TPLECSALES SAYILPHRPD NIESCTHGKR ESSWVEELLT
LHRARVTDVE LITGLSFYQD RQESVSELLR LKTHLPIFSQ EDHHHHHH
```

**Purity:**

&gt; 90 % by SDS-PAGE

**Endotoxin:**

&lt; 1.0 EU/μg

**Formulation:**

Filtered (0.4 μm) and lyophilized from 0.5 mg/ml solution in phosphate buffered saline, pH 7.5.

**Reconstitution:**

Add deionized water to prepare a working stock solution of approximately 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 protein at -80°C. Protein remains stable until the expiry date when stored at -80°C. Avoid repeated freezing/thawing cycles. The thawed protein can be stored at 4 °C for three days.

**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.