

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	CLDFQETCVC	PTHIWTCNKF	RCGEKRLSRF
VCSCADDCKT	HNDCCINYSS	VCQDKKSWVE	ETCESIDTPE	CPAEFESPPT	LLFSLDGFRA
EYLHTWGGLL	PVISKLKNCG	TYTKNMRPMY	PTKTFPNHYS	IVTGLYPESH	GIIDNKMYDP
KMNASFSLKS	KEKFNPLWYK	GQPIWVTANH	QEVKSGTYFW	PGSDVEIDGI	LPDIYKVYNG
SVPFEERILA	VLEWLQLPSH	ERPHFYTTYL	EEPDSGSHS	GPVSSEVIKA	LQKVDRLVGM
LMDGLKDLGL	DKCLNLILIS	DHGMEQGSCK	KYVYLNKYL	DVNNVKVYVG	PAARLRPTDV
PETYYSFNYE	ALAKNLSCRE	PNQHFRPYLK	PFLPKRLHFA	KSDRIEPLTF	YLDPQWQLAL
NPSEKCYCGS	GFHGSDNLFS	NMQALFIGYG	PAFKHGAEDV	SFENIEVYNL	MCDLLGLIPA
PNNGSHGSLN	HLLKKPIYNP	SHPKEEGFLS	QCPIKSTSND	LGCTCDPWIV	PIKDFEKQLN
LTTEVDVDIY	HMTVPYGRPR	ILLKQHHVCL	LQQQQFLTGY	SLDLLMPLWA	SYTFLRNDQF
SRDDFSNCLY	QDLRIPLSPV	HKCSYYKSNS	KLSYGFLTPP	RLNRVSNHIY	SEALLTSNIV
PMYQSFOQVIW	HYLHDTLLQR	YAHERNGINV	VSGPVDFDFD	DGRYDSLEIL	KQNSRVIRSQ
EILIPTHFFI	VLTSCQQLSE	TPLECSALES	SAYILPHRPD	NIESCTHGKR	ESSWVEELLT
LHRARVTDVE	LITGLSFYQD	RQESVSELLR	LKTHLPIFSQ	EDHHHHHH	

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 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.