

PRODUCT DATA SHEET

Pigment Epithelium-Derived Factor Human HEK293

Cat. No.: RD172114100-HEK

Size: 0.1 mg

Source: HEK293

Type: Recombinant protein

Species: Human

Other Names:

Pigment Epithelium-Derived Factor, Serpin F1, EPC-1, Cell proliferation-inducing gene 35 protein, PIG35

Description:

Total 410 AA. Mw: 45.6 kDa (calculated). C-terminal Flag-tag 11 AA. Protein identity confirmed by MS.

Amino Acid Sequence:

QNPASPPPEG SPDPDSTGAL VEEEDPFFKV PVNKLAAAVS NFGYDLYRVR SSTSPITNVL
LSPLSVATAL SALS LGAEQR TESIIHRALY YDLISSPDH GTYKELLDTV TAPQKNLKSA
SRIVFEKKLR IKSSFVAPLE KSYGTRPRVL TGNPRLDLQE INNWVQAQMK GKLARSTKEI
PDEISILLG VAHFKGQWVT KFDSRKTSLE DFYLDEERTV RVPMMSDPKA VLRYGLDSDL
SCKIAQLPLT GSMSIIFFLP LKVTQNLTLI EESLTSEFIH DIDRELKTVQ AVLTVPKLKL
SYEGEVIKSL QEMKLSLFD SPDFSKITGK PIKLTQVEHR AGFEWNEDGA GTTPSPGLQP
AHLTFPLDYH LNQPFIFVLR DTDTGALLFI GKILDPRGPA AADYKDDDDK

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0.4 μm) and lyophilized in 0.5 mg/mL in 20mM TRIS, 50mM NaCl, 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 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.