

PRODUCT DATA SHEET

Pigment Epithelium-Derived Factor Human E. coli

Cat. No.: RD172114100

Size: 0.1 mg

Source: E. coli

Type: Recombinant protein

Species: Human

Other Names:

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

Description:

Total 413 AA. MW: 46.1 kDa (calculated). UniProtKB acc.no. P36955. N-Terminal His-tag 14 AA.

Amino Acid Sequence:

MRGSHHHHHH GMASQNPASP PEEGSPDPDS TGALVEEEDP FFKVPVNKLA AAVSNFGYDL
YRVRSSMSPT TNVLLSPLSV ATALSALSLG AEQRTESI IH RALYDLISS PDIHGTYKEL
LDTVTARQKN LKSASRIVFE KKLRIKSSFV APLEKSYGTR PRVLTGNPRL DLQEINNWWQ
AQMKGKLARS TKEIPDEISI LLLGVAHFVK QWVTKFDSRK TSLEDFYLDE ERTVRVPMS
DPKAVLRYGL DSDLCKIAQ LPLTGMSII FFLPLKVTQN LTLIEESLTS EFIHDIDREL
KTVQAVLTVP KKLKLSYEDEV TKSLQEMKLQ SLFDSPDFSK ITGKPIKLTQ VEHRAGFEWN
EDGAGTTPSP GLQFAHLTFP LDYHLNQPFI FVLRD TDTGA LLFIGKILDP RGP

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, 150mM 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:

Western blotting

Note:

This product is intended for research use only.