



## Human PEDF (glycosylated, HEK)

Synonyms: Pigment epithelium-derived factor, PEDF, Serpin-F1, SerpinF1, EPC-1, EPC1, PIG35.

*PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING*

Size	Order#	Lot#	Expiry Date
2 µg	4112.955.002		
10 µg	4112.955.010		
100 µg	4112.955.100		

Please enquire for bulk quantities and other vial sizes.

### Description

PEDF Human Recombinant produced in HEK cells is a single, glycosylated, polypeptide chain containing a total of 410 amino acids, having a molecular mass of 45.6 kDa and fused to an 11 aa FLAG tag at C-Terminus.

- **Source** HEK
- **Purity** ≥ 95 % (SDS-PAGE)
- **Endotoxin Level** ≤ 0.1 ng/µg (≤ 1 EU/µg)
- **Buffer** The filtered (0.4µm) concentrated (0.5 mg/ml) protein solution was lyophilized with 20mM Tris & 20mM NaCl pH -7.5\*
- **Physical State** Filtered white lyophilized (freeze-dried) powder

### Reconstitution

It is recommended to add deionized water to a working concentration of 0.5 mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

### Stability

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time.

### Amino Acid Sequence

QNPASPPEEG SPDPDSTGAL VEEEDPFFKV PVNKLAAAVS NFGYDLYRVR SSTSPPTTNVL LSPLSVATAL  
 SALS LGAEQR TESI IHRALY YDLISSPDIH GTYKELLDTV TAPQKNLKSA SRIVFEKKLR IKSSFVAPLE  
 KSYGTRPRVL TGNPRLDLQE INNWVQAQMK GKLARSTKEI PDEISILLG VAHFKGQWVT KFDSRKTSL  
 DFYLDEERTV RVPMMSDPKA VLR YGLDSDL SCKIAQLPLT GSMSIIFFLP LKVTQNLTLI EESLTSEFIH  
 DIDRELKTQ AVLTVPKLLK SYEGEVTKSL QEMKLQSLFD SPDFSKITGK PIKLTQVEHR AGFEWNEDGA  
 GTTPSPGLQP AHLTFPLDYH LNQPFI FVLR DTD TGALLFI GKILDPRGPA AADYKDDDDK

**Usage:** For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

\*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.