

Human PEDF Recombinant Protein



RPPB0847

Product Information Protein Information

Product SKU:

RPPB0847

Accession:

P36955

Host:

Escherichia Coli.

Protein description:

PEDF Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 400 amino acids and having a molecular mass of 44.5 kDa. The Human PEDF is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

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

Formulation:

The sterile filtered concentrated (1mg/ml) protein solution was lyophilized with 20mM sodium phosphate buffer & 150mM NaCl pH-7.4.

Purity:

Greater than 95% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized PEDF in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized PEDF although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution PEDF Human should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

MQNPASPPEE GSPDPDSTGA LVEEEDPFFK VPVNKLAHAV SNFGYDLYRV RSSMSPTTNV LLSPLSVATA
LSALSLGAEQ RTESIIHRAL YYDLISSPDI HGTYKELLDV VTAPQKNLKS ASRIVFEKKL RIKSSFVAPL EKSYGTRPRV
LTGNPRLDLQ EINNWWQAQM KGKLARSTKE IPDEISILL GVAHFKGQWV TKFDSRKTSL EDFYLDEERT
VRVPMMSDPK AVLRYGLDSD LSKIAQLPL TGSMISIFFL PLKVTQNLTL IEESLTSEFI HDIDRELKTV
QAVLTPVKLK LSYEGEVTKS LQEMKLQSLF DSPDFSKITG KPIKLTQVEH RAGFEWNEDG AGTTPSPGLQ
PAHLTFPLDY HLNQPFIFVL RDTDTGALLF IKGILDPRGP.