

RPPB0848

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## Product Information    Protein Information

**Product SKU:**

RPPB0848

**Accession:**

P36955

**Host:**

Escherichia Coli.

**Protein description:**

PEDF Human Recombinant produced in E.Coli containing a natural variant M72T is a single, non-glycosylated, polypeptide chain containing 420 amino acids (20-418 a.a.) and having a total molecular mass of 46.7 kDa. PEDF is fused to a 20 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

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

**Formulation:**

The PEDF solution contains 20mM Tris-HCl buffer(pH 8.0), 0.1M NaCl , and 20% glycerol.

**Purity:**

Greater than 90% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. 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:**

MGSSHHHHHH SGLVPRGSH MQNPASPPEE GSPDPDSTGA LVEEEDPFFK VPVNKLA AAV SNFGYDL YRV  
RSSMSPTTNV LLSPLSVATA LSALSLGAEQ RTESIIHRAL YYDLISSPDI HGTYKELLD T VTAPQKNLKS  
ASRIVFEKKL RIKSSFVAPL EKSYGTRPRV LTGNPRLDLQ EINNWVQAQM KGKLARSTKE IPDEISILL  
GVAHFKGQWV TKFDSRKTS L EDFYLDEERT VRVPMMSDPK AVLRYGLDSD LSCKIAQLPL TGSM SIIFFL  
PLKVTQNLTL IEESLTSEFI HDIDRELKTV QAVLTVPKLK LSYEGEVTKS LQEMKLQSLF DSPDFSKITG  
KPIKLTQVEH RAGFEWNEDG AGTTPSPGLQ PAHLTFPLDY HLNQPFIFVL RDTDTGALLF IKGILDPRGP.