

Pigment Epithelium-Derived Factor Recombinant Protein | PEDF recombinant protein

Recombinant Human Pigment Epithelium-Derived Factor, His Tag

CATALOG #
AAA38599

HOST
E Coli

PRODUCT SYNONYMS

Pigment Epithelium-Derived Factor; Recombinant Human Pigment Epithelium-Derived Factor; His Tag; PEDF Human; His; Pigment Epithelium-Derived Factor Human Recombinant; Pigment epithelium-derived factor; PEDF; Serpin-F1; SerpinF1; EPC-1; EPC1; PIG35; PEDF His; PEDF recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	The PEDF solution (0.5mg/mL) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, and 20% glycerol.
Sequence	<u>MGSSHHH HHHSSGLVPR GSHMQN PASPPEEGSP DPDSTGALVE EEDPFFKVPV NKLAAVSNF</u> <u>GYDLRYVRSS MSPTTNVLLS PLSVATALSA LSLGAEQRTE SIIHRALYYD LISSPDIHGT YKELLDTVTA</u> <u>PQKNLKSASR IVFEKKLRIK SSFVAPLEKS YGTRPRVLTG NPRDLQEIIN NWWQAQMGK LARSTKEIPD</u> <u>EISILLGVA HFKGQWVTKF DSRKTSLEDF YLDEERTVRV PMMSDPKAVL RYGLDSLSC KIAQLPLTGS</u> <u>MSIIFFLPLK VTQNLTLIEE SLTSEFIHDI DRELKTVQAV LTVPKLKLSY EGEVTKSLQE MKLQSLFDSP</u> <u>DFSKITGKPI KLTQVEHRAG FEWNEDGAGT TPSPGLQPAH LTFPLDYHLN QPFIFVLRDT DTGALLFIGK</u> <u>ILDPRGP</u>
Sequence Length	418
Physical Appearance	Sterile Filtered colorless solution
Preparation and Storage	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.

ADDITIONAL INFORMATION

Related Product Information for PEDF recombinant 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.
Product Categories/Family for PEDF recombinant protein	Cytokines and Growth Factors ; Neurotrophins ; Pigment Epithelium-Derived Factor

NCBI AND UNIPROT INFORMATION

NCBI GI #	39725934
NCBI GeneID	5176
NCBI Accession #	NP_002606.3
NCBI GenBank Nucleotide #	NM_002615.5
UniProt Accession #	P36955 ; Q13236 ; Q2TU83 ; Q96CT1 ; Q96R01 ; Q9BWA4 ; F1T092
NCBI Official Full Name	pigment epithelium-derived factor
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 1

NCBI Official Symbol	SERPINF1
NCBI Official Synonym Symbols	OI6; OI12; PEDF; EPC-1; PIG35
NCBI Protein Information	pigment epithelium-derived factor; cell proliferation-inducing gene 35 protein; serine (or cysteine) proteinase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 1; serpin F1
UniProt Protein Name	Pigment epithelium-derived factor
UniProt Gene Name	SERPINF1
UniProt Synonym Gene Names	PEDF; PEDF
UniProt Entry Name	PEDF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/serpinf1-recombinant-protein-e-coli/38599>