

Pigment Epithelium Derived Factor (PEDF) Recombinant Protein | PEDF recombinant protein

Recombinant Pigment Epithelium Derived Factor (PEDF)

CATALOG # AAA134610	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Pigment Epithelium Derived Factor (PEDF); Recombinant Pigment Epithelium Derived Factor (PEDF); PEDF recombinant protein

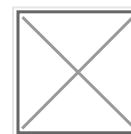
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandS-tag ,itssequen ceislisted below. MHHHHHSSG LVPRGSGMKE TAAAKFERQH MDSPDLGTDD DDKAMADIGS EF-SQNPSS SEGSPVPDST GEPVEEDPF FKVPVNKLAA AVSNFGYDLY RLRSSASPTG NVLLSPLSVA TALSALSLGA EHRTESVIHR ALYYDLITNP DIHSTYKELL ASVTAPEKNL KSASRIVFER KLRVKSSFVA PLEKSYGTRP RILTGNPRVD LQEINNWWQA QMKGKIARST REMPSALSIL LLGVAYFKGQ WVTKFDSRKT TLQDFHLED RTVRVPMMSD PKAILRYGLD SDLNCKIAQL PLTGSMIIF FLPLTVTQNL TMIEESLTSE FIHDIDRELK TIQAVLTPK LKLSFEGELT KSLQDMKLQS LFESPDFSKI TGKPVKLTQV EHRAAFEWNE EGAGSSPSPG LQPVRLTFPL DYHL
Sequence Length	417
Applicable Applications for PEDF recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Ser19~Leu389 (Accession # P97298) with two N-terminal Tags, His-tag and S-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	117606335
NCBI GeneID	20317
NCBI Accession #	NP_035470.3
NCBI GenBank Nucleotide #	NM_011340.3
UniProt Accession #	P97298; O70629; O88691
Molecular Weight	47.0kDa
NCBI Official Full Name	pigment epithelium-derived factor
NCBI Official Synonym Full Names	serine (or cysteine) peptidase inhibitor, clade F, member 1
NCBI Official Symbol	Serpinf1
NCBI Official Synonym Symbols	Pedf; Sdf3; EPC-1; Pedfl; AI195227
NCBI Protein Information	pigment epithelium-derived factor; SDF-3; caspin; serpin F1; serpin-F1; alpha-2 antiplasmin; stromal cell derived factor 3; stromal cell-derived factor 3; pigment epithelium derived factor; serine (or cysteine) proteinase inhibitor, clade F, member 1; serine (or cysteine) proteinase inhibitor, clade F), member 1; serine (or cysteine) proteinase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 1
UniProt Protein Name	Pigment epithelium-derived factor
UniProt Gene Name	Serpinf1
UniProt Synonym Gene Names	Pedf; Sdf3; PEDF; SDF-3
UniProt Entry Name	PEDF_MOUSE

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.

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Online datasheet: <https://stage.aaabiotech.com/serpinf1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134610>