

Platelet Derived Growth Factor Subunit B (PDGFB) Recombinant Protein | PDGFB recombinant protein

Recombinant Platelet Derived Growth Factor Subunit B (PDGFB)

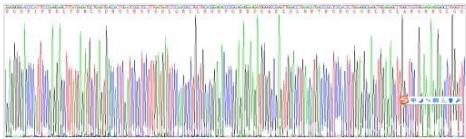
CATALOG # AAA134524	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

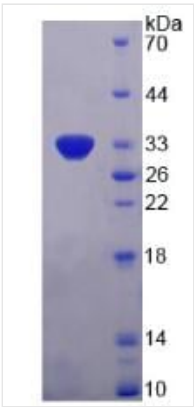
Platelet Derived Growth Factor Subunit B (PDGFB); Recombinant Platelet Derived Growth Factor Subunit B (PDGFB); PDGFB recombinant protein

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	The target protein is fused with two N-terminal Tags, His-tag and S-tag, its sequence is listed below. MHHHHHSSG LVPRGSGMKE TAAKFERQH MDSPDLGTDD DDKAMADIGS EF-SLGSLTI AEPAMIAECK TRTEVFEISR RLIDRTNANF LVWPPCDEVQ RCGCCNNRN VQCRPTQVQL RVPQVRKIEI VRKKPIFKKA TVTLEDHLAC KCETVAAARP VT
Sequence Length	241
Applicable Applications for PDGFB recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Ser82~Thr190 (Accession # P01127) 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 target protein. 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 and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



Application Data



SDS-PAGE

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EGDPIPEELY EMLSDHSIRS FDDLQRLHGG
DPGEEDGAEL DLNMTRSHSG GELESLARGR RSLGSLTIAE PAMIAECKTR
TEVFEISRRL IDRTNANFLV WPPCVEVQRC SGCCNNRNIVQ CRPTQVQLRP
VQVRKIEIVR KKPIFKKATV TLEDHLACKC ETVAARPVT RSPGGSQEQR
AKTPQTRVTI RTVRVRRPPK GKHRKFHHTH DKTALKETLG A
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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505681
NCBI GeneID	5155
NCBI Accession #	NP_002599.1
NCBI GenBank Nucleotide #	NM_002608.2
UniProt Accession #	P01127; P78431; Q15354; Q6FHE7; Q9UF23; G3XAG8
Molecular Weight	18.0kDa
NCBI Official Full Name	platelet-derived growth factor subunit B isoform 1 preproprotein
NCBI Official Synonym Full Names	platelet-derived growth factor beta polypeptide
NCBI Official Symbol	PDGFB
NCBI Official Synonym Symbols	SIS; SSV; IBGC5; PDGF2; c-sis; PDGF-2
NCBI Protein Information	platelet-derived growth factor subunit B; becaplermin; PDGF, B chain; PDGF subunit B; proto-oncogene c-Sis; platelet-derived growth factor 2; platelet-derived growth factor B chain; platelet-derived growth factor, beta polypeptide (oncogene SIS); platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog)
UniProt Protein Name	Platelet-derived growth factor subunit B
UniProt Gene Name	PDGFB
UniProt Synonym Gene Names	PDGF2; SIS; PDGF subunit B
UniProt Entry Name	PDGFB_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.