

PGF recombinant protein

Recombinant Mouse PGF Protein

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA263254	Human cells	Mouse	SDS-Page, Western Blot, ELISA

PRODUCT SYNONYMS

PGF; Recombinant Mouse PGF Protein; PGFL; PLGF; Placenta growth factor; PIGF; PGF recombinant protein

PRODUCT SPECIFICATIONS

Host	Human cells
Reactivity	Mouse
Purity/Purification	Greater than 95% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Sequence	VHSQGALSAG NNSTEVEVVP FNEVWGRSYC RPMEKLVYIL DEYPDEVSHI FSPSCVLLSR CSGCCGDEGL HCVPIKTANI TMQILKIPPN RDPHFYVEMT FSQDVLCECR PILETTKAER RKTGKGRKRS RNSQTEEPHP VDHHHHHH
Sequence Length	158
Applicable Applications for PGF recombinant protein	MS (Mass Spectrometry), SDS-PAGE, WB (Western Blot), ELISA
Endotoxin	Less than 0.1 ng/mug (1 IEU/mug) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Preparation and Storage	Lyophilized protein should be stored at -20 degree C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at -20 degree C for 3 months.

ADDITIONAL INFORMATION

Related Product Information for PGF recombinant protein	Recombinant Mouse PGF Protein is produced by our mammalian expression system and the target gene encoding Val19-Pro158 is expressed with a 6His tag at the C-terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6679289
NCBI GeneID	18654
NCBI Accession #	NP_032853.1
NCBI GenBank Nucleotide #	NM_008827.3
UniProt Accession #	P49764
NCBI Official Full Name	placenta growth factor isoform 1
UniProt Protein Name	Placenta growth factor

UniProt Gene Name	Pgf
UniProt Synonym Gene Names	Plgf; PIGF
UniProt Entry Name	PLGF_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/pgf-recombinant-protein-human-cells-ms-mass-spectrometry-sds-page-wb-western-blot-elisa/263254>