PRODUCT INFORMATION

Target	PGF
Synonyms	D12S1900;PGFL;PIGF;PLGF;PlGF-2;SHGC-10760
Description	Recombinant Human PGF with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P49763
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	PGF(Leu19-Arg170) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 43.5 kDa after removal of the signal peptide.The apparent molecular mass of PGF-hFc is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene encodes a growth factor found in placenta which is homologous to vascular endothelial growth factor. Alternatively spliced transcripts encoding different isoforms have been found for this gene.[provided by RefSeq, Jun 2011]
Usage	Research use only
Conjugate	Unconjugated

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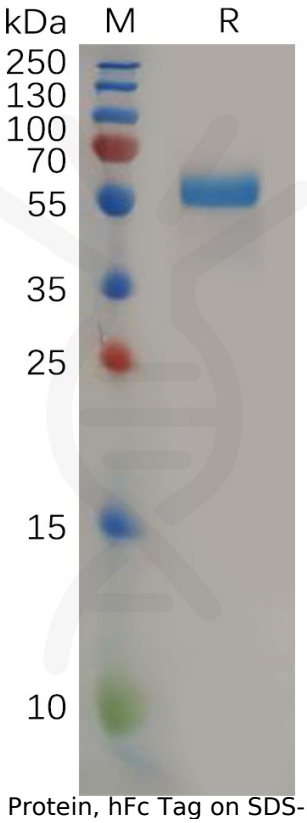


Figure 1. Human PGF Protein, hFc Tag on SDS-PAGE under reducing condition.

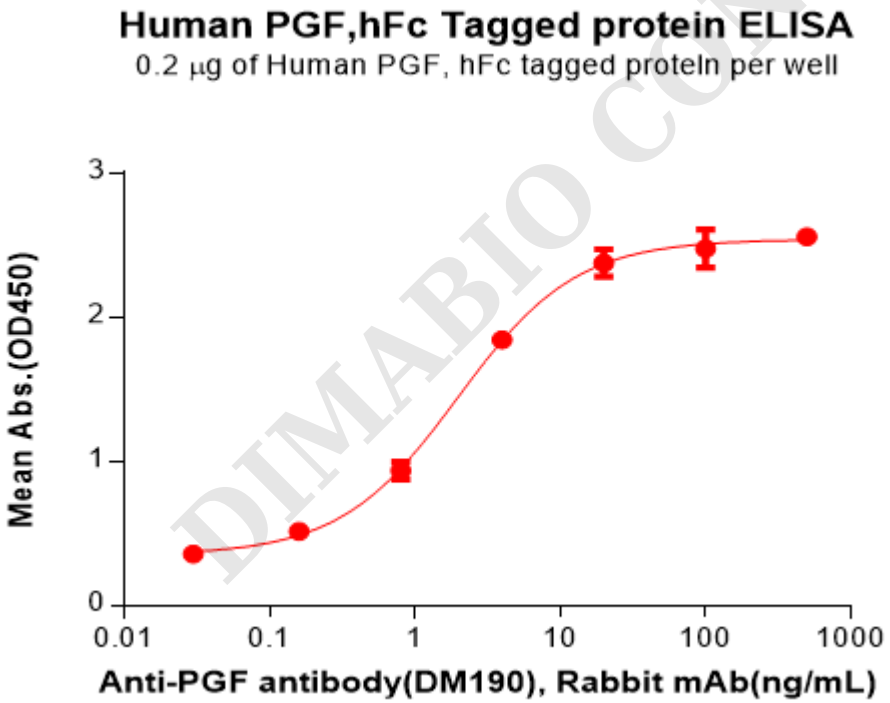


Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human PGF Protein, hFc Tag(PME100579) can bind Anti-PGF antibody(DM190), Rabbit mAb in a linear range of 0.80–4.00 ng/mL.

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