Cat. No. PME100579



PRODUCT INFORMATION

Target PGF

D12S1900;PGFL;PIGF;PLGF;PIGF-2;SHGC-10760 **Synonyms**

Recombinant Human PGF with C-terminal human **Description** Fc tag

In Stock **Delivery Uniprot ID** P49763 **Expression Host HEK293**

Tag C-Human Fc Tag

Molecular

Storage & Shipping

Background

PGF(Leu19-Arg170) hFc(Glu99-Ala330) Characterization

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 **Molecular Weight**

approximately 35-55 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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.

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

Email: info@dimabio.com Website: www.dimabio.com

20111

Usage Research use only

Conjugate Unconjugated





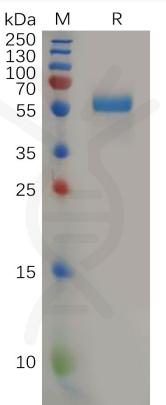


Figure 1. Human PGF Protein, hFc Tag on SDS-PAGE under reducing condition.

Human PGF,hFc Tagged protein ELISA

0.2 µg of Human PGF, hFc tagged protein per well

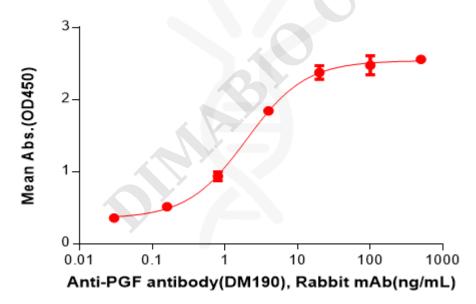


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human PGF Protein, hFc Tag(PME100579) can bind Anti-PGF antibody(DM190), Rabbit mAb in a linear range of 0.80–4.00 ng/mL.

Email: info@dimabio.com Website: www.dimabio.com



Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China Telephone: +1 2409940618(USA) /+86-18062749453(China) /+86-400-006-0995(China)