

## HUMAN PGF PROTEIN, HFC TAG

货号: 11378

产品全名: 人 PGF 蛋白

规格: 10/50/100  $\mu$ g

基因符号: DI2S1900;PGFL;PIGF;PLGF;PIGF-2;SHGC-10760

目标蛋白: PGF

**UNIPROT ID:** P49763

描述: Recombinant Human PGF with C-terminal human Fc tag

背景: 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]

物种/宿主: HEK293

分子量: 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.

分子特征: PGF(Leu19-Arg170) hFc(Glu99-Ala330)

纯化: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization.

储存和运输: Store at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$  for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at  $-80^{\circ}\text{C}$  (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

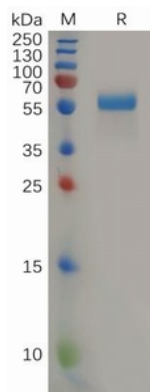


Figure 1. Human PGF Protein, hFc Tag on SDS-PAGE under reducing condition.

### Human PGF, hFc Tagged protein ELISA

0.2  $\mu$ g of Human PGF, hFc tagged protein per well

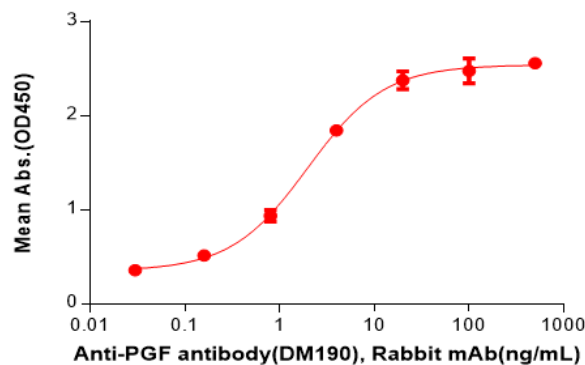


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/ml (100  $\mu$ l/well) Human PGF Protein, hFc Tag(11378) can bind Anti-PGF antibody(DM190), Rabbit mAb in a linear range of 0.80-4.00 ng/mL.