

Datasheet for ABIN7092739  
**PLGF Protein (AA 19-170) (Fc Tag)**



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2 Images

## Overview

Quantity:	100 µg
Target:	PLGF (PGF)
Protein Characteristics:	AA 19-170
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLGF protein is labelled with Fc Tag.

## Product Details

Purpose:	Recombinant Human PGF with C-terminal human Fc tag
Specificity:	PGF (Leu19-Arg170) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

## Target Details

Target:	PLGF (PGF)
Alternative Name:	PGF ( <a href="#">PGF Products</a> )
Background:	This gene encodes a growth factor found in placenta which is homologous to vascular

## Target Details

endothelial growth factor. Alternatively spliced transcripts encoding different isoforms have been found for this gene.[provided by RefSeq, Jun 2011]

**Molecular Weight:** predicted molecular mass of 43.5 kDa after removal of the signal peptide.The apparent molecular mass of PGF-hFc is 35-55 kDa due to glycosylation.

**UniProt:** [P49763](#)

**Pathways:** [VEGFR1 Specific Signals](#)

## Application Details

**Restrictions:** For Research Use only

## Handling

**Format:** Lyophilized

**Buffer:** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

**Storage:** -20 °C,-80 °C

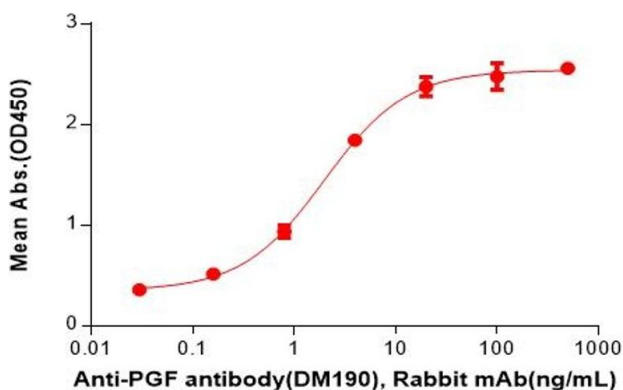
**Storage Comment:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

**Expiry Date:** 12 months

## Images

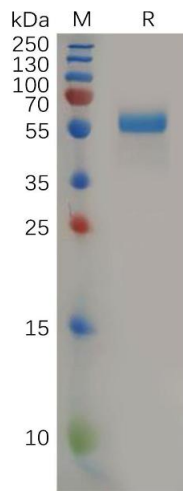
### Human PGF,hFc Tagged protein ELISA

0.2 µg of Human PGF, hFc tagged protein per well



### ELISA

**Image 1.** ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human PGF Protein, hFc Tag (ABIN7092739, ABIN7272314 and ABIN7272315) can bind Anti-PGF antibody (DM190), Rabbit mAb in a linear range of 0.80-4.00 ng/mL.



### SDS-PAGE

**Image 2.** Human PGF Protein, hFc Tag on SDS-PAGE under reducing condition.