Human PIGF / PLGF Protein (Fc Tag)

Catalog Number: **10274-H05H**

Sino Biological Inc.
Biological Solution Specialist

General Information

Gene Name Synonym:

PGFL, PLGF

Protein Construction:

A DNA sequence encoding the human PGF (NP_002623.2) (Met1-Arg170) was expressed with the Fc region of mouse IgG1 at the C-terminus.

Source: Human

Expression Host: Human Cells

QC Testing

Purity: > 95 % as determined by SDS-PAGE.

Bio-Activity:

1. Measured by its binding ability in a functional ELISA.
2. Immobilized human PGF-mFc at 10 μg/mL (100 μL/well) can bind human VEGFR1-His (Cat:10136-H08H). The EC50 of human VEGFR1-His (Cat:10136-H08H) is 0.19-0.43 μg/mL.

Endotoxin:

< 1.0 EU per μg protein as determined by the LAL method.

Stability:

Samples are stable for up to twelve months from date of receipt at -70 ℃

Predicted N terminal: Leu 19

Molecular Mass:

The recombinant human PGF consists 386 amino acids and predicts a molecular mass of 43.7 kDa.

Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

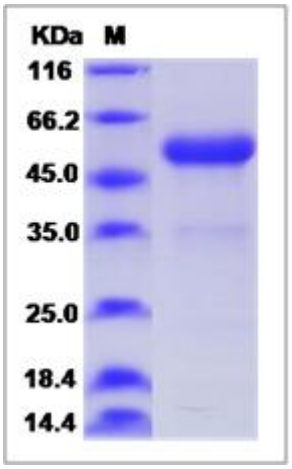
Usage Guide

Storage:

Store it under sterile conditions at -20℃ to -80℃ upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

SDS-PAGE:



Reconstitution:

Detailed reconstitution instructions are sent along with the products.