

Human PIGF / PLGF / PGF Protein (aa 19-149)



Sino Biological
Biological Solution Specialist

Catalog Number: 10274-HNAE1

General Information

Gene Name Synonym:

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

Protein Construction:

A DNA sequence encoding the human PGF (NP_001193941.1) (Leu19-Arg149) was expressed with an initial Met.

Source: Human

Expression Host: E. coli

QC Testing

Purity: > 90 % as determined by SDS-PAGE.

Endotoxin:

Please contact us for more information.

Stability:

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

Predicted N terminal: Met

Molecular Mass:

The recombinant human PGF consists of 132 amino acids and predicts a molecular mass of 14.9 kDa.

Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 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:

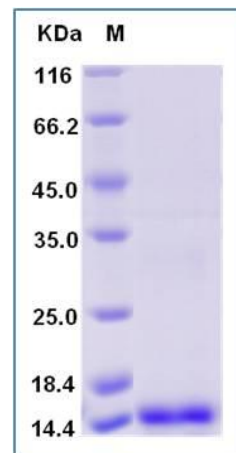
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



References

1. Nagy JA, *et al.* (2003) VEGF-A(164/165) and PLGF: roles in angiogenesis and arteriogenesis. Trends Cardiovasc Med. 13(5): 169-75.
2. Chaballe L, *et al.* (2011) Placental growth factor: a tissue modelling factor with therapeutic potentials in neurology? Acta Neurol Belg. 111(1): 10-7.
3. Odorisio T, *et al.* (2006) The placental growth factor in skin angiogenesis. J Dermatol Sci. 41(1): 11-9.

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