

RP01080

Leader in Biomolecular Solutions for Life Science



Recombinant Mouse Placenta growth factor/PLGF/PGF Protein

Catalog No.: RP01080

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	18654	P49764

Tags

C-hFc&His

Synonyms

PGF;PLGF;PIGF2;PIGF;PGFL;SHGC-10760; PGF

Product Information

Source	Purification
HEK293 cells	> 87% by SDS-PAGE.

Endotoxin

< 1.0 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Basic Information

Description

Recombinant Mouse Placenta growth factor/PLGF/PGF Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met1-Pro158) of mouse PLGF/PGF (Accession #NP_032853.1) fused with an Fc, 6×His tag at the C-terminus.

Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human VEGFR1 at 500 ng/mL (100 μL/well) can bind Recombinant Mouse PLGF with a linear range of 12-49 ng/mL.

Storage

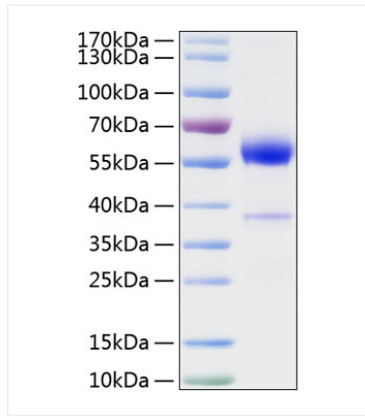
Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact

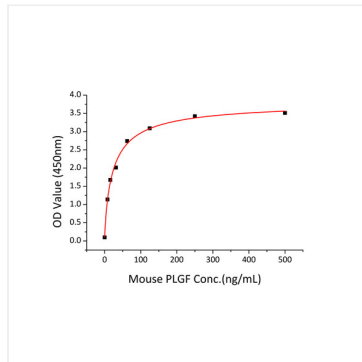


www.abclonal.com

Validation Data



Recombinant Mouse Placenta growth factor/PIGF/PGF Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 58 kDa.



Immobilized Recombinant Human VEGFR1 at 500ng/mL (100 μ L/well) can bind Recombinant Mouse PLGF with a linear range of 12-49 ng/mL.