

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;PLGF2;PLGF;PGFL;SHGC-10760

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

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

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.

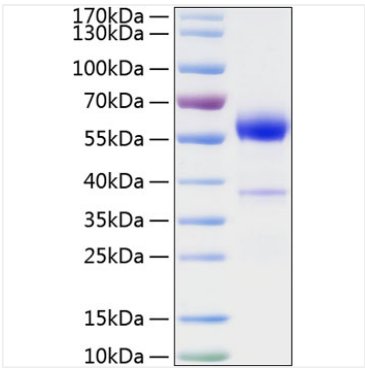
Storage

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.

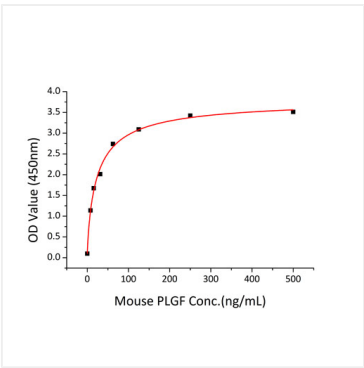
Contact

 | www.abclonal.com

Validation Data



Recombinant Mouse Placenta growth factor/PLGF/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.