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; 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 votex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Background

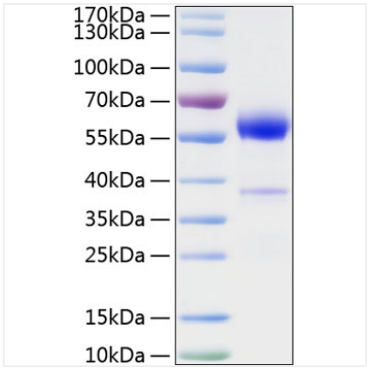
Basic Information

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.

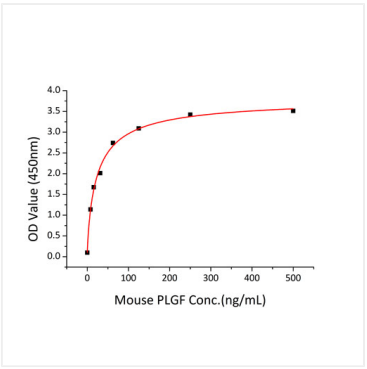
Bio-Activity
Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human VEGFR1 at 500 ng/mL (100 μL/well) can bind Recombinant Mouse PLGF with a linear range of 12-49 ng/mL.

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.

Validation Data



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



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