

RP00635

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Recombinant Mouse PGF/Placenta growth factor Protein

Catalog No.: RP00635

Recombinant

Sequence Information

| Species | Gene ID | Swiss Prot |
|---------|---------|------------|
| Mouse | 18654 | P49764 |

Tags

C-6×His

Synonyms

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

Product Information

Source

HEK293 cells

Purification

> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of 20mM PB,150mM NaCl,pH7.4.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

Placental growth factor is a protein that in humans is encoded by the PGF gene. It is a secreted protein and belongs to the PDGF/VEGF growth factor family. The protein is a member of the VEGF (vascular endothelial growth factor) sub-family-a key molecule in angiogenesis and vasculogenesis, in particular during embryogenesis. The main source of PGF during pregnancy is the placental trophoblast. PGF is also expressed in many other tissues, including the villous trophoblast.

Basic Information

Description

Recombinant Mouse PGF/Placenta growth factor Protein is produced by Human cells expression system. The target protein is expressed with sequence (Val19-Pro158) of mouse PGF/Placenta growth factor (Accession #P49764) fused with a 6×His tag at the C-terminus.

Bio-Activity

Storage

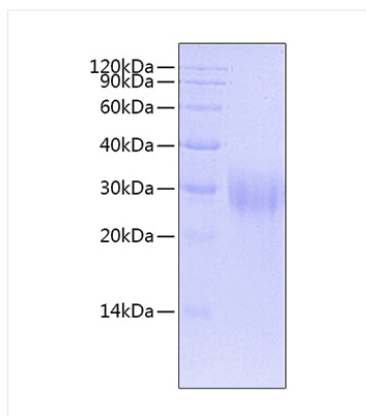
Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant Mouse PGF/Placenta growth factor Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.