

Recombinant Mouse PLGF (C-6His)

Catalog No: Cl37

Description Recombinant Mouse Placenta Growth Factor is produced by our Mammalian expression system and the

target gene encoding Val19-Pro158 is expressed with a 6His tag at the C-terminus.

Source Human Cells

Alternative name Placenta growth factor; PIGF; PIgF; D12S1900; PGFL; PGF; PIGF-2; SHGC-10760

Accession No. P49764

Predicted Molecular Weight 16.9kDa

AP Molecular Weight

30kDa, reducing conditions.

Formulation Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Reconstitution Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

It is not recommended to reconstitute to a concentration less than 100µg/ml.

Dissolve the lyophilized protein in distilled water.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Quality Control Purity: Greater than 90% as determined by reducing SDS-PAGE.

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Shipping The product is shipped at ambient temperature.

Upon receipt, store it immediately at the temperature listed below.

Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.

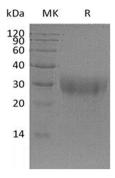
Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Background

Storage

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.



SDS-Page

