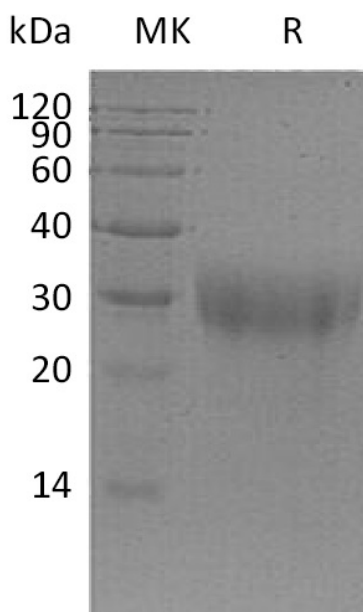


## Summary

|                                 |                                                                                                                                                                                                                                                                                        |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>                     | Placenta growth factor/PIGF/PGF/PLGF                                                                                                                                                                                                                                                   |
| <b>Purity</b>                   | Greater than 95% as determined by reducing SDS-PAGE                                                                                                                                                                                                                                    |
| <b>Endotoxin level</b>          | <1 EU/μg as determined by LAL test.                                                                                                                                                                                                                                                    |
| <b>Construction</b>             | 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.                                                                                                      |
| <b>Accession #</b>              | P49764                                                                                                                                                                                                                                                                                 |
| <b>Host</b>                     | Human Cells                                                                                                                                                                                                                                                                            |
| <b>Species</b>                  | Mouse                                                                                                                                                                                                                                                                                  |
| <b>Predicted Molecular Mass</b> | 16.9 KDa                                                                                                                                                                                                                                                                               |
| <b>Formulation</b>              | Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.                                                                                                                                                                                                            |
| <b>Shipping</b>                 | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.                                                                                                                                                                     |
| <b>Stability&amp;Storage</b>    | Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.                                                          |
| <b>Reconstitution</b>           | 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. |

## SDS-PAGE image

**Product Name: Recombinant Mouse PLGF (C-6His)**  
**Catalog #: PHM1319**



### Alternative Names

Placenta growth factor; PlGF; Plgf; D12S1900; PGFL; PGF; PlGF-2; SHGC-10760

### 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.

### Note

For Research Use Only , Not for Diagnostic Use.