

# Human PLGF3 Recombinant Protein



RPPB0868

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## Product Information    Protein Information

**Product SKU:**

RPPB0868

**Accession:**

P49763

**Host:**

Spodoptera  
frugiperda.

**Protein description:**

PLGF3 Human Recombinant produced in Spodoptera frugiperda is a glycosylated homodimer containing 2 chains of 203 amino acids (Leu19-Arg221) and having a molecular mass of 58kDa. The PLGF-3 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Placental Growth Factor, Placental Growth Factor Vascular Endothelial Growth Factor-Related Protein, PGFL, PLGF, Placental Growth Factor-Like, Placenta Growth Factor, SHGC-10760, D12S1900, PIGF-2, PGF.

**Formulation:**

PLGF-3 protein was lyophilized from a 0.2µm filtered solution in HCl.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized PLGF3 in sterile 4mM HCl not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized PLGF3 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution PLGF-3 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Biological Activity:**

The ED50, as measured by its binding ability to rHuVEGF R1 in a functional ELISA, is less than 3ng/ml.