

32-6528: PLGF3 Human, sf9

Application : Functional Assay
Placental Growth Factor, Placental Growth Factor Vascular Endothelial Growth Factor-Related Protein,
Alternative Name : PGFL, PLGF, Placental Growth Factor-Like, Placenta Growth Factor, SHGC-10760, D12S1900, PIGF-2, PGF.

Description

Source: Spodoptera frugiperda.

Sterile Filtered White lyophilized (freeze-dried) powder.

PLGF is a growth factor active in angiogenesis, and endothelial cell growth, stimulating their proliferation and migration. It binds to receptor vegfr-1/flt1.

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.

Product Info

Amount : 5 µg / 25 µg
Purification : Greater than 95.0% as determined by SDS-PAGE.
Content : PLGF-3 protein was lyophilized from a 0.2µm filtered solution in HCl. 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.
Storage condition : 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.

Application Note

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