

32-6527: PLGF3 Human

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

Description

Source: Escherichia Coli.

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 E.Coli is a non-glycosylated homodimer containing 2x204 amino acids and having a total molecular mass of 45.8kDa.

Product Info

Amount : 5 µg / 25 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

Content : Lyophilized from a sterile (0.2µm) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA).

It is recommended to reconstitute the lyophilized PLGF-3 in sterile 18M-cm H2O 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.

Amino Acid : MLPAVPPQQW ALSAGNGSSE VEVVPFQEVW GRSYCRALER LVDVVSEYPS EVEHMFSPSC
VSLLRCTGCC GDENLHCVPV ETANVTMQLL KIRSGDRPSY VELTFSQHVR CECRHSPGRQ SPDMPGDFRA
DAPSFLPPRR SLPMLFRMEW GCALTGSQSA VWPSSPVPEE IPRMHPGRNG KKQQRKPLRE
KMKPERCGDA VPRR.