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32-13662: PLGF Human, HEK

Format : PLGF protein (0.25mg/ml) contains 10% glycerol and Phosphate-Buffered Saline (pH 7.4).
Alternative Name : PIGF, PGF, PLGF-1

Description

Source:HEK293 cells.
Physical Appearance:Sterile filtered colorless solution.
Biological Activitynull
Placental Growth Factor (PLGF) which is a member of the VEGF sub-family, is a growth factor active in angiogenesis, and endothelial cell growth, stimulating their proliferation and migration. PLGFmainly plays a role in trophoblast growth and differentiation and binds to receptor vegfr-1/flt1.
PLGF Human Recombinant produced in HEK293 cells is a single, glycosylated polypeptide chain (a.a 21-170) containing 160 amino acids and having a molecular mass of 18.3kDa.PLGF is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	10 µg / 2 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°C for longer periods of time.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	DGSMAVPPQQ WALSAGNGSS EVEVVPFQEV WGRSYCRALE RLVDVVSEYP SEVEHMFSPS CVSLLRCTGC CGDENLHCVP VETANVTMQL LKIRSGDRPS YVELTFSQHV RCECRPLREK MKPERRRPKG RGKRRREKQR PTDCHLCGDA VPRRHHHHHH

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