

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 Activity: null

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. PLGF mainly 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 : DGSMVPPQQ WALSA NGSS EVEVVPFQEV WGRSYCRALRLVDVVSEYP SEVEHMFSPS
CVSLLRCTGC CGDENLHCVP VETANVTMQL LKIRSGDRPS YVELTFSQHV RCECRPLREK MKPERRRPKG
RGKRRREKQR PTDCHLCGDA VPRRHHHHHH