

Recombinant Mouse Placenta Growth Factor/PGF/PIGF Protein(C-6His)

Cat.NO.: TP05937

3th Edition

Synonyms:Placenta growth factor; PIGF; Plgf; D12S1900; PGFL; PLGF; PIGF-2; SHGC-10760

Description:Placental growth factor is a protein that in humans is encoded by the PGF gene. It is a secreted protein and belongs to the PDGF/VEGF growth factor family. The protein is a member of the VEGF (vascular endothelial growth factor) sub-family-a key molecule in angiogenesis and vasculogenesis, in particular during embryogenesis. The main source of PGF during pregnancy is the placental trophoblast. PGF is also expressed in many other tissues, including the villous trophoblast.

Form:PBS

Molecular Weight:16.9 kDa

Sequences:Val19-Pro158

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.