

## 32-8417: Recombinant Mouse Placenta Growth Factor/PGF/PIGF (C-6His)

**Gene :** Pgf  
**Gene ID :** 18654  
**Uniprot ID :** P49764

### Description

Source: Human Cells.  
MW :16.9kD.

Recombinant Mouse Placenta growth factor is produced by our Mammalian expression system and the target gene encoding Val19-Pro158 is expressed with a 6His tag at the C-terminus. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** VHSQGALSAGNNSTEVEVVPFNEVWGRSYCRPMEKLVYILDEYPDEVSHIFSPSCVLLSRCSGCCGDEGLHCV  
PIKTANITMQILKIPPNRDPHFYVEMTFSQDVLCECRPILETTKAERRKTKGKRKRSRNSQTEEPHPVDHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.