

## 32-6523: PLGF Human, His

**Alternative Name :** PIGF, PGF, PLGF-1.

### Description

Source: Escherichia Coli.

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.

PLGF1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (a.a 19-131) containing 123 amino acids including a 10 a.a N-terminal His tag. The total molecular mass is 13.8kDa (calculated).

### Product Info

**Amount :** 2 µg / 10 µg

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

**Content :** PLGF1 filtered (0.4 µm) and lyophilized from 0.5mg/ml in PBS and 5% w/v trehalose, pH 7.4.  
It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. PLGF1 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

**Storage condition :** Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

**Amino Acid :** MKHHHHHHAS LPAVPPQQWA LSAGNGSSEV EVVPFQEVWG RSYCRALERL VDVVSEYPSE  
VEHMFSPSCV SLLRCTGCCG DENLHCVPVE TANVTMQLLK IRSGDRPSYV ELTFSQHVRC ECR.