

## 32-20332: Animal-Free Recombinant Human PlGF-1(Discontinued)

**Reactivity :** Human

**Alternative Name :** Placenta Growth Factor-1, PlGF, PGF

### Description

**Source:**E.coli

PlGF-1 is an angiogenic factor that belongs to the cysteine-knot superfamily of growth factors. PlGF-1 is expressed in placental tissues, the colon and mammary carcinomas. It signals through the VEGFR-1/FLT1 receptor, and stimulates endothelial cell proliferation and migration. Recombinant Human PlGF-1 is a 29.7 kDa disulfide-linked homodimeric protein of two 132 amino acid polypeptide chains.

### Product Info

**Amount :** 5 µg / 25 µg

**Purification :** Purity: >= 95% by SDS-PAGE gel and HPLC analyses.

**Content :** This recombinant protein is supplied in lyophilized form.

**Amino Acid :** MLPAVPPQQW ALSAGNGSSE VEVVPFQEVW GRSYCRALER LVDVVSEYPS EVEHMFSPSC  
VSLLRCTGCC GDENLHCVPV ETANVTMQLL KIRSGDRPSY VELTFSQHVR CECRPLREKM KPERCGDAVP  
RR

### Application Note

Determined by its ability to chemoattract human monocytes of using a concentration range of 1.0-10.0 ng/ml.