

## 32-20350: Recombinant Human PIGF-2(Discontinued)

**Alternative Name :** Placenta Growth Factor-2, PGFL

### Description

**Source:**E.coli

PIGF-2 is an angiogenic factor that belongs to the cysteine-knot superfamily of growth factors. PIGF-2 is expressed in umbilical vein endothelial cells and placenta. It signals through the VEGFR-1/FLT1 receptor, and stimulates endothelial cell proliferation and migration. PIGF-2 also signals through Neuropilin (NP-1), and can bind with a high affinity to heparin. Recombinant Human PIGF-2 is a 34.6 kDa disulfide-linked homodimeric protein of two 152 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 :** LPAVPPQQWA LSAGNGSSEV EVVPFQEVWG RSYCRALERL VDVVSEYPSE VEHMFSPSCV  
SLLRCTGCCG DENLHCVPVE TANVTMQLLK IRSGDRPSYV ELTFSQHVRC ECRPLREKMK PERRRPKGRG  
KRRREKQRPT DCHLCGDAVP RR

### Application Note

Determined by its ability to chemoattract human THP-1 cells of using a concentration range of 5.0-50.0 ng/ml.