

32-20351: Recombinant Human PIGF-3(Discontinued)

Reactivity : Human

Alternative Name : Placenta Growth Factor-3, PGFL

Description

Source:E.coli

PIGF-3 is an angiogenic factor that belongs to the cysteine-knot superfamily of growth factors. PIGF-3 is expressed exclusively in the placenta. It signals through the VEGFR-1/FLT1 receptor, and stimulates endothelial cell proliferation and migration. PIGF-3 lacks heparin binding affinity. Recombinant Human PIGF-3 is a 45.7 kDa disulfide-linked homodimeric protein of two 203 amino acid polypeptide chains.

Product Info

Amount : 5 µg / 25 µg

Purification : Purity: $\geq 95\%$ 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 ECRHSPGRQS
PDMPGDFRAD APSFLPPRRS LPMLFRMEWG CALTGSQSAV WPSSPVPEEI PRMHPGRNGK
KQQRKPLREK MKPERCGDAV PRR

Application Note

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