

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

Reactivity : Human

Alternative Name : Placenta Growth Factor-1, PIGF, PGF

Description

Source:E.coli

PIGF-1 is an angiogenic factor that belongs to the cysteine-knot superfamily of growth factors. PIGF-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 PIGF-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.