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32-20350: Recombinant Human PlGF-2(Discontinued)

Alternative Name : Placenta Growth Factor-2, PGFL

Description

Source:E.coli
PlGF-2Â isÂ anÂ angiogenicÂ factorÂ thatÂ belongsÂ toÂ theÂ cysteine-knotÂ superfamilyÂ ofÂ growthÂ factors.Â Â Â PlGF-2Â isÂ expressed Â inÂ umbilicalÂ veinÂ endothelialÂ cellsÂ andÂ placenta.Â Â Â ItÂ signalsÂ throughÂ theÂ VEGFR-1/FLT1Â receptor,Â andÂ stimulatesÂ endothelialÂ cellÂ proliferationÂ andÂ migration.Â Â Â PlGF-2Â alsoÂ signalsÂ throughÂ NeuropilinÂ (NP-1),Â andÂ canÂ bindÂ with Â highÂ affinityÂ toÂ heparin.Â RecombinantÂ HumanÂ PlGF-2Â isÂ aÂ 34.6Â kDaÂ disulfide-linkedÂ homodimericÂ proteinÂ ofÂ twoÂ 152Â aminoÂ acidÂ polypeptideÂ 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.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.