

Human PLGF1 Recombinant Protein



RPPB0860

Product Information Protein Information

Product SKU:

RPPB0860

Accession:

P49763

Host:

Escherichia coli.

Protein description:

PLGF1 Human Recombinant (21-221 a.a.) produced in E.Coli is a disulfide-linked homodimeric, non-glycosylated, polypeptide chain containing 129 amino acids and having a molecular mass of 29kDa. The PLGF-1 Human Recombinant protein is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

PIGF, PGF, PLGF-1.

Formulation:

PLGF-1 protein was lyophilized from a 0.2µm filtered solution in Acetonitrile and TFA.

Purity:

Greater than 97.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized PLGF1 in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized PLGF-1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution PLGF1 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

AVPPQQWALS AGNGSSEVEV VPFQEVWGRS YCRALERLVD VVSEYPSEVE HMFSPSCVSL LRCTGCCGDE
NLHCVPVETA NVTMQLLKIR SGDRPSYVEL TFSQHVRCEC RPLREKMKPE RCGDAVPRR.

Biological Activity:

Binds to immobilized rHuVEGFR1 with EC50 less than 6ng/ml.