

# Human PLGF2 Recombinant Protein



RPPB0865

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## Product Information    Protein Information

**Product SKU:**

RPPB0865

**Accession:**

P49763

**Host:**

Chinese Hamster  
Ovary cells (CHO).

**Protein description:**

PLGF2 Human Recombinant (19-170 a.a.) produced in CHO is a disulfide-linked homodimeric, glycosylated, polypeptide chain containing 152 amino acids and having a molecular mass of 33kDa. The PLGF-2 Human Recombinant protein is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

PIGF, PGF, PIGF-2, PLGF-2.

**Formulation:**

PLGF-2 protein was lyophilized from a 0.2µm filtered solution in HCl.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized PLGF2 at 200µg/ml in PBS, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized PLGF-2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution PLGF2 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:**

LPAVPPQQWA LSAGNGSSEV EVVPFQEVWG RSYCRALERL VDVVSEYPSE VEHMFSPSCV SLLRCTGCCG  
DENLHCVPE TANVTMQLLK IRSGDRPSYV ELTFSQHVRV ECRPLREKMK PERRRPKGRG KRRREKQRPT  
DCHLCGDAVP RR.

**Biological Activity:**

The ED50, as measured in a cell proliferation assay using MDA-MB-231 cells is less than 10µg/ml.