

Human PIGF-2 (glycosylated, CHO)

Synonyms: PIGF, PGF, PIGF-2, PLGF-2.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
5 µg	1817.954.005		
25 µg	1817.954.025		
1 mg	1817.954.199		

Please enquire for bulk quantities and other vial sizes

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.

- **Source** CHO
- **Purity** ≥ 95 % (SDS-PAGE)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** PLGF-2 protein was lyophilized from a 0.2µm filtered solution in HCl*
- **Physical state** Sterile filtered, lyophilized

Biological Activity

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

Reconstitution

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 avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

LPVPPQQWA LSAGNGSSEV EVVPFQEVWG RSYCRALERL VDVVSEYPSE VEHMFSPSCV SLLRCTGCCG
DENLHCVPVE TANVTMQLLK IRSGDRPSYV ELTFSQHVR ECRPLREKMK PERRRPKGRG KRRREKQRPT
DCHLCGDAVP RR

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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