

Recombinant Human PLGF-2

CATALOG #:	4741-10	10 µg
	4741-50	50 µg
	4741-1000	1 mg

LOT #: _____

SOURCE: *E. coli*

PURITY: >90% by SDS-PAGE

ENDOTOXIN: Endotoxin level is <0.1 ng per µg of PLGF-2.

MOL. WEIGHT: 18 kDa

FORMULATION: Sterile filtered and lyophilized with no additives

RECONSTITUTION:

Centrifuge the vial prior to opening. It is recommended to reconstitute the protein in sterile 20 mM acetic acid to a concentration of 0.1-1.0 µg/µl. The solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

STORAGE CONDITIONS:

The lyophilized protein is best-stored desiccated below 0°C. Reconstituted protein should be stored at working aliquots at -20°C. For long term storage it is recommended to add a carrier protein (0.1% HAS or BSA). Prevent freeze/thaw cycles.

DESCRIPTION:

PLGF-2 is produced in *E. coli* as a homodimer containing 2 x 153 amino acids and having a total molecular mass of 36 kDa.

Biological Activity:

The PLGF-2 is fully biologically active when compared with standards. Recombinant human PLGF-2 can bind to immobilized rh-sFlt-1 (100 ng/well) with linear range at 0.3-10 ng/ml.

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