

PRODUCT INFORMATION SUMMARY

Human PLGF-2

Purified Factor	Product Number	HC67725A	5.0 ug
	Product Number	HC67725B	25.0 ug

DESCRIPTION:

Human Placenta Growth factor-2 (PLGF), also known as PGFL is an angiogenic protein secreted in endothelial cells of umbilical vein and placenta. It belongs to the cysteine-knot family and binds to heparin. PLGF-2 signals via VEGFR-1/FLT1 receptor complex and is believed to stimulate endothelial cells. Human PLGF-2 has molecular weight of 34.0 kDa with two homodimeric protein chains of 150 aa length.

SOURCE: E. Coli
Purity > 95% by HPLC analysis
Endotoxin < 0.1 ng per ug PLGF-2
Sterile filtered, lyophilized, additive-free

BIOLOGICAL ACTIVITY: Observed to chemoattract human monocytes in range of 5.0 - 50.0 ng/mL.

HANDLING AND STORAGE:

Purified factor is provided lyophilized. Store lyophilized, at -20° C. **Quick -spin** and then reconstitute with distilled water to a concentration of 0.1 mg/mL, further dilute in buffered solutions. Store small aliquots at -20° C., with addition of 0.1% BSA, for long-term storage- up to 3 months, at high concentration.

WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

RESEARCH USE ONLY -NOT for DRUG USE