

Recombinant Human PLGF-2
Catalog # PBG10367**Specification**

Recombinant Human PLGF-2 - Product Information**Recombinant Human PLGF-2 - Additional Information****Description**

PLGF-2 is an angiogenic factor that belongs to the cysteine-knot superfamily of growth factors. PLGF-2 is expressed in umbilical vein endothelial cells and placenta. It signals through the VEGFR-1/FLT1 receptor and stimulates endothelial cell proliferation and migration. PLGF-2 also signals through Neuropilin (NP-1) and can bind with high affinity to heparin. Recombinant human PLGF-2 is a 34.0 kDa disulfide-linked homodimeric protein of two 150 amino acid polypeptide chains.

Biological Activity

Determined by its ability to chemoattract human monocytes of using a concentration range of 5.0-50.0 ng/ml.

Authenticity

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

Endotoxin

Endotoxin level is <0.1 ng/ µg of protein (<1EU/ µg).

Protein Content

Verified by UV Spectroscopy and/or SDS-PAGE gel.

Storage

-20°C

Precautions

Recombinant Human PLGF-2 is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Human PLGF-2 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Recombinant Human PLGF-2 - Images