

Recombinant human PLGF1 protein ab50127

Description

Product name	Recombinant human PLGF1 protein
Biological activity	Determined by its ability to chemoattract human monocytes of using a concentration range of 1.0-10.0 ng/ml.
Purity	> 95 % SDS-PAGE. Greater than 95% by SDS-PAGE gel and HPLC analyses.
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MLPAVPPQQW ALSAGNGSSE VEVVPFQEVW GRSYCRALER LVDVVSEYPS EVEHMFSPSC VSLLRCTGCC GDENLHCVPV ETANVTMQLL KIRSGDRPSY VELTFSQHVR CECRPLREKM KPERCGDAVP RR

Specifications

Our **Abpromise guarantee** covers the use of **ab50127** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Functional Studies
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. This product is an active protein and may elicit a biological response in vivo, handle with caution.
Reconstitution	Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

General Info

Relevance	Placental growth factor is found as three isoforms, PLGF1, PLGF2 and PLGF3 created by alternative splicing. They are secreted factors although PLGF2 remains attached to the cell unless released by heparin. PLGF1 is active in angiogenesis, and endothelial cell growth, stimulating proliferation and migration. It binds to receptor VEGFR-1/FLT1.
Cellular localization	Secreted

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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