

Product datasheet

Recombinant human PLGF protein ab73241

概述

产品名称	重组人PLGF蛋白
蛋白长度	Protein fragment

描述

性质	Recombinant
来源	Insect cells
氨基酸序列	
种属	Human
序列	The sequence of the first five N-terminal amino acids was determined and was found to be Met-Leu-Pro-Ala-Val.
氨基酸	19 to 149

技术指标

Our [Abpromise guarantee](#) covers the use of **ab73241** in the following tested applications.

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

应用	SDS-PAGE Functional Studies
纯度	> 90 % SDS-PAGE. ab73241 was purified by proprietary chromatographic techniques. Purity is greater than 90.0% as determined by RP-HPLC and SDS-PAGE.
形式	Lyophilised

制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Constituents: 5% PBS, 5% BSA This product is an active protein and may elicit a biological response in vivo, handle with caution.
复溶	Reconstitute in sterile 20mM acetic acid not less than 100µg/ml, which can then be further diluted

to other aqueous solutions.

常规信息

功能	Growth factor active in angiogenesis and endothelial cell growth, stimulating their proliferation and migration. It binds to the receptor FLT1/VEGFR-1. Isoform PIGF-2 binds NRP1/neuropilin-1 and NRP2/neuropilin-2 in a heparin-dependent manner.
组织特异性	While the three isoforms are present in most placental tissues, PIGF-2 is specific to early (8 week) placenta and only PIGF-1 is found in the colon and mammary carcinomas.
序列相似性	Belongs to the PDGF/VEGF growth factor family.
结构域	Isoform PIGF-2 contains a basic insert which acts as a cell retention signal.
翻译后修饰	N-glycosylated.
细胞定位	Secreted. The three isoforms are secreted but PIGF-2 appears to remain cell attached unless released by heparin.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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