

Product datasheet

Recombinant human PLGF2 protein ab70668

概述

产品名称	重组人PLGF2蛋白
蛋白长度	Full length protein

描述

性质	Recombinant
来源	Escherichia coli

氨基酸序列

种属	Human
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技术指标

Our [Abpromise guarantee](#) covers the use of **ab70668** in the following tested applications.

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

生物活性	The PLFG-2 is fully biologically active when compared with standards. Recombinant human PIGF-2 can bind to immobilized rh-sFlt-1 (100 ng/well) with linear range at 0.3-10 ng/ml.
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应用	SDS-PAGE
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纯度	> 90 % SDS-PAGE.
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形式	Lyophilised
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补充说明	The lyophilized protein is best stored desiccated below 0°C. Following reconstitution, the solution can be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use. For long term storage it is recommended to add a carrier protein (0.1% HAS or BSA). Prevent freeze/thaw cycles.
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制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
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Preservative: None

This product is an active protein and may elicit a biological response in vivo, handle with caution.

复溶	Reconstitute in sterile 20 mM acetic acid to a concentration of 0.1-1.0 µg/microl.
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常规信息

相关性	Placenta growth factor (PlGF) is a member of the vascular endothelial growth factor (VEGF) family of growth factors. PlGF, isolated from a human placental cDNA library, has 53% amino acid sequence homology in the PDGF-region of VEGF. As a result of alternative splicing, three human isoform precursors (PlGF1, PlGF2, and PlGF3) have been described. In mouse tissues, there is only one mRNA encoding the equivalent of human PlGF2.3 Mouse PlGF2 encodes a 158 amino acid precursor protein that shares a 65% homology with human PlGF2. The gene for PlGF is organized into seven exons and is mapped to chromosome 14. Placenta growth factor will potentiate VEGF that is present at low concentrations in vitro and in vivo. PlGF binds with high affinity to Flt1, but not to Flk1/KDR.
细胞定位	Secreted (by similarity).

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