

# Recombinant Mouse PLGF protein (His tag) ab194182

### 描述

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产品名称	重组小鼠PLGF蛋白(His tag)
纯度	> 95 % SDS-PAGE. Purity greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
内毒素水平	< 1.000 Eu/μg
表达系统	HEK 293 cells
Accession	<b><u>P49764</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Mouse
序列	VHSQGALSAGNNSTEVEVVPFNEVWGRSYCRPMEKLVYILDE YPDEVSHI FSPSCVLLSRCGCCGDEGLHCVPIKTANITMQILKIPNRD PHFYVEMT FSQDVLCECRPILETTKAERRKTKGKRKRSRNSQTEEPHPVD HHHHHH
预测分子量	17 kDa including tags
氨基酸	19 to 158
标签	His tag C-Terminus
额外的序列信息	This product is the mature full length protein from aa 19 to 158. The signal peptide is not included.

### 技术指标

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Our **Abpromise guarantee** covers the use of **ab194182** in the following tested applications.

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

应用	HPLC SDS-PAGE
形式	Lyophilized

### 制备和贮存

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<b>稳定性和存储</b>	Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C. Reconstitute for long term storage.  pH: 7.40 Constituents: 0.88% Sodium chloride, 99% Phosphate Buffer  Lyophilized from a 0.2 µM filtered solution.
<b>复溶</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
<b>常规信息</b>	
<b>功能</b>	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.
<b>组织特异性</b>	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.
<b>序列相似性</b>	Belongs to the PDGF/VEGF growth factor family.
<b>结构域</b>	Isoform PIGF-2 contains a basic insert which acts as a cell retention signal.
<b>翻译后修饰</b>	N-glycosylated.
<b>细胞定位</b>	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. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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