

Recombinant human VEGF 121B protein ab61872

3 图像

描述	
产品名称	重组人VEGF 121B蛋白
生物活性	Biological Activity: The biological activity is determined by the dose-dependent stimulation of the proliferation of human umbilical vein endothelial cells (HUVEC) using a concentration range of 0.2-0.4 ng/ml.
纯度	> 95 % SDS-PAGE. Purity greater than 95% as determined by: Analysis by RP-HPLC. Reducing and non-reducing SDS-PAGE.
表达系统	Escherichia coli
Accession	<b><u>P15692-9</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	APMAEGGGQN HHEVVKFMDV YQRSYCHPIE TLVDIFQEYP DEIEYIFKPS CVPLMRCGGC CNDEGLECVP TEESNITMQI MRIKPHQGQH IGEMSFLQHN KCECRPKKDR ARQENCDKPR R

技术指标	
Our <b>Abpromise guarantee</b> covers the use of <b>ab61872</b> 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
形式	Lyophilized
补充说明	Aliquot and freeze at -20°C. It is recommended to add a carrier protein (0.1% HSA or BSA) for long term storage.

制备和贮存	
稳定性和存储	Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.

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

## 复溶

It is recommended to reconstitute the lyophilized VEGF in sterile H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

## 常规信息

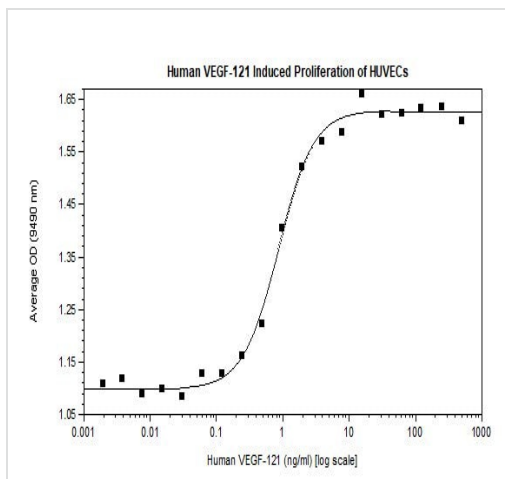
### 相关性

VEGFA is a growth factor active in angiogenesis, vasculogenesis and endothelial cell growth. Induces endothelial cell proliferation, promotes cell migration, inhibits apoptosis, and induces permeabilization of blood vessels. Binds to the VEGFR1/Flt-1 and VEGFR2/Kdr receptors, heparan sulfate and heparin. Neuropilin-1 binds isoforms VEGF-165 and VEGF-145. In contrast to other factors mitogenic for endothelial cells such as FGF-1, FGF-2 and PDGF, VEGF is synthesized as a precursor containing a typical hydrophobic secretory signal sequence of 26 amino acids. Glycosylation is not required for efficient secretion of VEGF. VEGF 121 circulates more freely than other VEGF forms, which bind more tightly with vascular heparin sulfates.

### 细胞定位

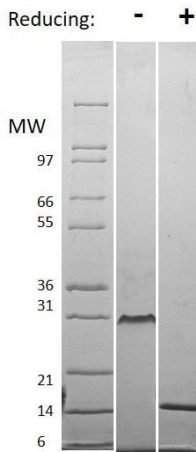
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## 图片



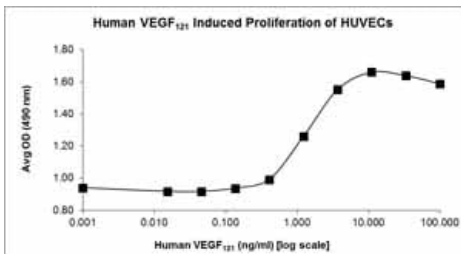
Functional analysis of ab61872

Functional Studies - Recombinant human VEGF  
121B protein (ab61872)



SDS PAGE analysis of ab61872 under non-reducing (-) and reducing (+) conditions. Stained with Coomassie Blue.

SDS-PAGE - Recombinant human VEGF 121B protein (ab61872)



ab61872 used in Functional Studies.

Functional Studies - Recombinant human VEGF 121B protein (ab61872)

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

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