

Recombinant human VEGF 121B protein ab61872

画像数 3

製品の詳細

製品名	Recombinant human VEGF 121B protein
生理活性	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.
精製度	> 95 % SDS-PAGE. Purity greater than 95% as determined by: Analysis by RP-HPLC. Reducing and non-reducing SDS-PAGE.
発現系	Escherichia coli
アクセッション番号	P15692-9
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	APMAEGGGQN HHEVVKFMDV YQRSYCHPIE TLVDIFQEYP DEIEYIFKPS CVPLMRCGGC CNDEGLECVP TEESNITMQI MRIKPHQGQH IGEMSFLQHN KCECRPKKDR ARQENCDKPR R

特性

Our **Abpromise guarantee** covers the use of **ab61872** in the following tested applications.

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

アプリケーション	SDS-PAGE Functional Studies
製品の状態	Lyophilized
備考	Aliquot and freeze at -20°C. It is recommended to add a carrier protein (0.1% HSA or BSA) for long term storage.

前処理および保存

保存方法および安定性 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.

再構成

It is recommended to reconstitute the lyophilized VEGF in sterile H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

関連情報

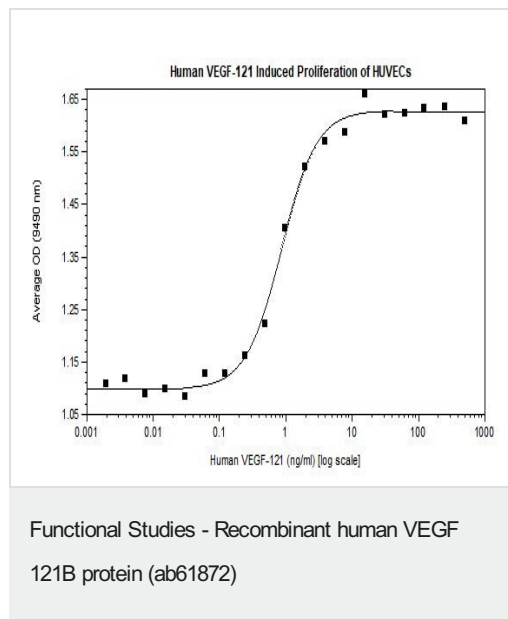
関連性

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.

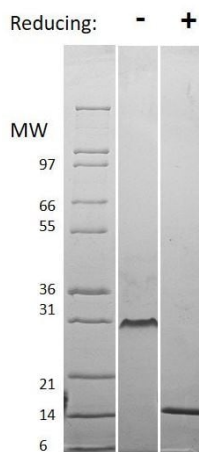
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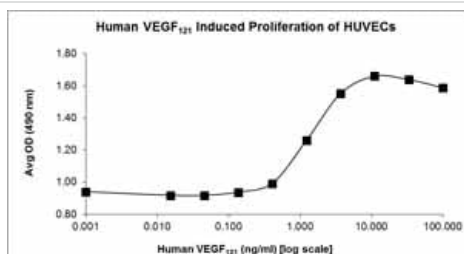


Functional analysis of ab61872



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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