

Recombinant human VEGF Receptor 1 protein ab54344

2 图像

描述

产品名称	重组人VEGF Receptor 1蛋白
纯度	> 90 % SDS-PAGE. Affinity purified.
表达系统	Insect cells
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human

技术指标

Our **Abpromise guarantee** covers the use of **ab54344** 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

制备和贮存

稳定性和存储	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C. This product is an active protein and may elicit a biological response in vivo, handle with caution.
复溶	This protein is soluble in water and most aqueous buffers, The lyophilized powder should be reconstituted in water to a concentration of 100 ng/ml.

常规信息

功能	Receptor for VEGF, VEGFB and PGF. Has a tyrosine-protein kinase activity. The VEGF-kinase ligand/receptor signaling system plays a key role in vascular development and regulation of vascular permeability. Isoform SFlt1 may have an inhibitory role in angiogenesis.
组织特异性	Mostly in normal lung, but also in placenta, liver, kidney, heart and brain tissues. Specifically

expressed in most of the vascular endothelial cells, and also expressed in peripheral blood monocytes. Isoform sFlt1 is strongly expressed in placenta.

序列相似性

Belongs to the protein kinase superfamily. Tyr protein kinase family. CSF-1/PDGF receptor subfamily.

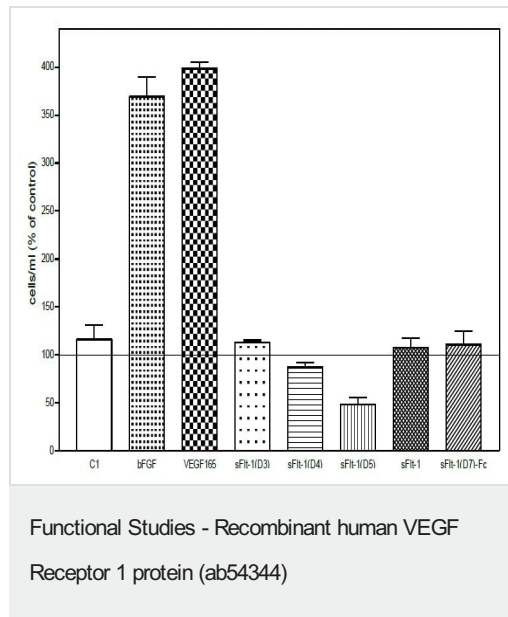
Contains 7 Ig-like C2-type (immunoglobulin-like) domains.

Contains 1 protein kinase domain.

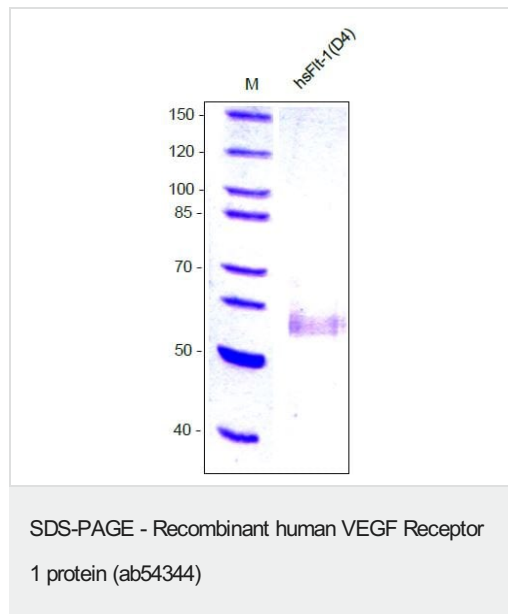
细胞定位

Secreted and Cell membrane.

图片



Inhibition of the VEGF165-induced proliferation of HUVE cells by recombinant human endogenous sFlt-1 and sFlt-1 constructs. HUVECs were stimulated with 10 ng/ml VEGF165, the soluble receptors were added with a 100X excess.



SDS-PAGE analysis of recombinant human soluble VEGFR-1D1-4 produced in insect cells. Sample was loaded in 10% SDS-polyacrylamide gel under reducing condition and stained with Silver stain.

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

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