abcam

Product datasheet

Recombinant human VEGFB protein ab87052

2 图像

描述

产品名称	重组人VEGFB蛋白
生物活性	Measured in a cell proliferation assay using NIH-3T3 mouse embryonic fibroblast. The ED50 for this effect is < 1ng/ml. **Activity Assay:** Cell line: NIH-3T3 (Mus musculus/Mouse embryonic fibroblast) Maintenance Condition: RPMI 1640 containing 10% FBS Assay medium: serum free RPMI 1640 Cell density: 2 x 104 cells/well (96 well plate, final volume 100ul) Incubation time : 24 hr (after sample treatment) Concentration range: 10pg/ml - 10ug/ml Detection method : BrdU assay
纯度	> 90 % SDS-PAGE. ab87052 was purified using conventional chromatography techniques
内毒素水平	< 1.000 Eu/µg
表达系统	Escherichia coli
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHH SSGLVPRGSH MPVSQPDAPG HQRKVVSWID VYTRATCQPR EVVVPLTVEL MGTVAKQLVP SCVTVQRCGG CCPDDGLECV PTGQHQVRMQ ILMIRYPSSQ LGEMSLEEHS QCECRPKKKD SAVKPDRAAT PHHRPQPRSV PGWDSAPGAP SPADITHPTP APGPSAHAAP STTSALTPGP AAAAADAAAS SVAKGGA
氨基酸	22 to 207

技术指标

Our **Abpromise guarantee** covers the use of **ab87052** in the following tested applications.

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

应用	Functional Studies SDS-PAGE
质谱法	MALDI-TOF
形式	Liquid
补充说明	Endotoxin Level: < 1.0 EU per 1 µg of protein (determined by LAL method)

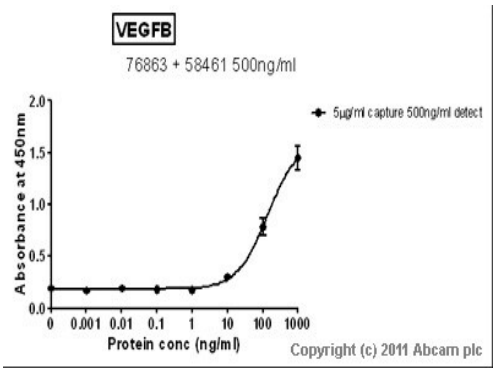
制备和贮存

稳定性和存储	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, pH 7.5 This product is an active protein and may elicit a biological response in vivo, handle with caution.

常规信息

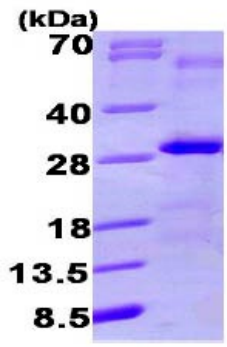
功能	Growth factor for endothelial cells. VEGF-B167 binds heparin and neuropilin-1 whereas the binding to neuropilin-1 of VEGF-B186 is regulated by proteolysis.
组织特异性	Expressed in all tissues except liver. Highest levels found in heart, skeletal muscle and pancreas.
序列相似性	Belongs to the PDGF/VEGF growth factor family.
翻译后修饰	VEGF-B186 is O-glycosylated.
细胞定位	Secreted. Secreted but remains associated to cells or to the extracellular matrix unless released by heparin.

图片



Sandwich ELISA - Recombinant human VEGFB protein (ab87052)

Standard curve for VEGFB (Analyte: **ab87052**); dilution range 1pg/ml to 1µg/ml using Capture Antibody **Mouse polyclonal to VEGFB (ab76863)** at 5µg/ml and Detector Antibody **Rabbit polyclonal to VEGFB (ab58461)** at 0.5µg/ml.



SDS-PAGE - Recombinant human VEGFB protein (ab87052)

ab87052 on 15% SDS-PAGE (3µg)

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

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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Terms and conditions

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