

Recombinant human VEGF Receptor 3 protein ab95247

2 图像

描述

产品名称	重组人VEGF Receptor 3蛋白
生物活性	Specific Activity: 17 pmol/min/μg. Assay conditions: VEGFR3 was incubated with a substrate (Tyr peptide 4 for 1h at RT in 1Xkinase buffer supplemented with ATP. Developer solution was added to reaction and reaction was stopped after 1h of incubation at RT.
纯度	> 70 % SDS-PAGE. Affinity purified.
表达系统	Baculovirus infected insect cells
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
氨基酸	798 to 1298
标签	GST tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab95247** 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	Liquid

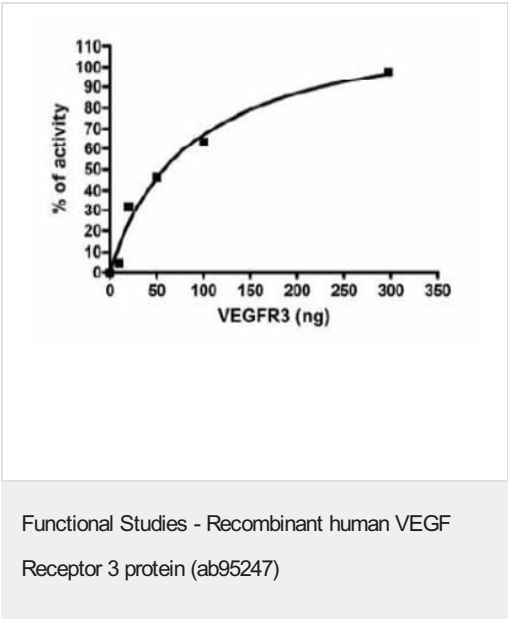
制备和贮存

稳定性和存储	Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.0462% (R*,R*)-1,4-Dimercaptobutan-2,3-diol, 0.395% Tris HCl, 0.05% Tween, 20% Glycerol (glycerin, glycerine), 0.8004% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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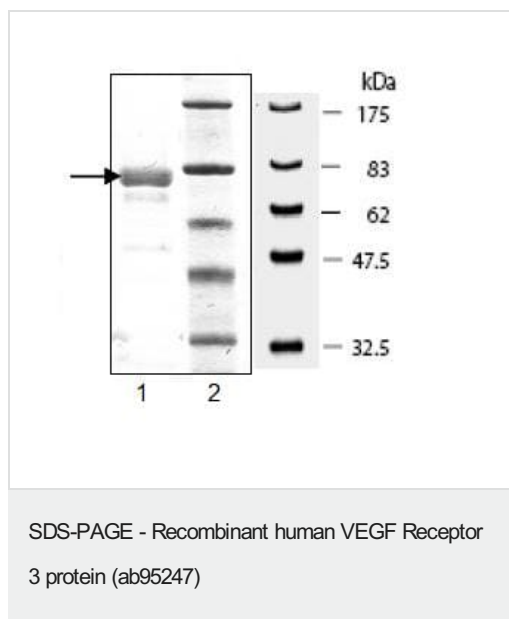
常规信息

功能	Receptor for VEGFC. Has a tyrosine-protein kinase activity.
组织特异性	Placenta, lung, heart, and kidney, does not seem to be expressed in pancreas and brain.
疾病相关	Defects in FLT4 are the cause of lymphedema hereditary type 1A (LMPH1A) [MIM:153100]; also known as Nonne-Milroy lymphedema or Milroy disease. Hereditary lymphedema is a chronic disabling condition which results in swelling of the extremities due to altered lymphatic flow. Patients with lymphedema suffer from recurrent local infections and physical impairment. Note=Defects in FLT4 are found in juvenile hemangioma. Juvenile hemangiomas are the most common tumors of infancy, occurring as many as 10% of all births. These benign vascular lesions enlarge rapidly during the first year of life by hyperplasia of endothelial cells and attendant pericytes, and then spontaneously involute over a period of years, leaving loose fibrofatty tissue.
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	Membrane.

图片



The specific activity of ab95247 was found to be 17 pmol/min/μg by carrying out functional studies. The assay conditions were; VEGFR3 was incubated with a substrate (Tyr peptide 4) for 1h at RT in 1Xkinase buffer supplemented with ATP. Developer solution was added to reaction and reaction was stopped after 1h of incubation at RT.



ab95247 was analysed by SDS-PAGE. Lane 1; ab95247 at 4µg. Lane 2; protein molecular weight markers. ab95247 has a predicted molecular weight of 82 kDa and is >70% pure as assessed by SDS-PAGE.

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

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