

# Recombinant human Flt4 protein ab126923

## 2 图像

### 描述

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产品名称	重组人Flt4蛋白
生物活性	The specific activity of ab126923 was determined to be 68nmol/min/mg as per activity assay protocol.
纯度	> 80 % SDS-PAGE. Affinity purified.
表达系统	Baculovirus infected Sf9 cells
Accession	<b><u>P35916</u></b>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
预测分子量	85 kDa
氨基酸	800 to 1363

### 技术指标

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Our **Abpromise guarantee** covers the use of **ab126923** in the following tested applications.

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

应用	Western blot Functional Studies SDS-PAGE
形式	Liquid
补充说明	<b><u>ab204877</u></b> (Poly (4:1 Glu, Tyr) peptide) can be utilized as a substrate for assessing kinase activity

### 制备和贮存

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稳定性和存储	Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. pH: 7.50 Constituents: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.003% EDTA, 25% Glycerol (glycerin, glycerine), 0.88% Sodium chloride
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This product is an active protein and may elicit a biological response in vivo, handle with caution.

## 常规信息

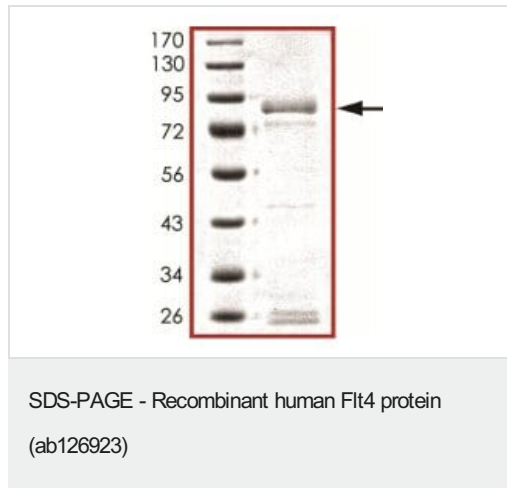
### 相关性

Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the  $\gamma$  phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains. The tyrosine kinase (TK) group is mainly involved in the regulation of cell to cell interactions such as differentiation, adhesion, motility and death. There are currently about 90 TK genes sequenced, 58 are of receptor protein TK (e.g. EGFR, EPH, FGFR, PDGFR, TRK, and VEGFR families), and 32 of cytosolic TK (e.g. ABL, FAK, JAK, and SRC families). Three cell membrane receptor tyrosine kinases, Flt (also designated VEGFR1), Flk1 (also designated VEGFR2) and Flt4 (also designated VEGFR3), putatively involved in the growth of endothelial cells, are characterized by the presence of seven immunoglobulin like sequences in their extracellular domain. On the basis of structural similarity to Flt and Flk1, it has been speculated that Flt4 might represent a third receptor for either VEGF or a VEGF related ligand.

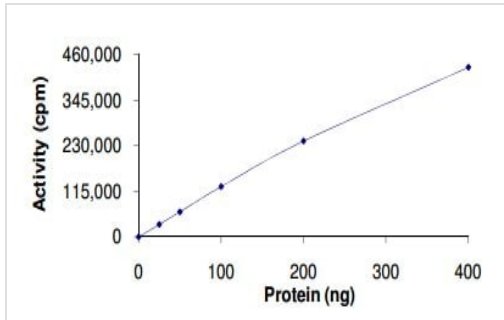
### 细胞定位

Type I membrane protein.

## 图片



SDS-PAGE analysis of ab126923.



The specific activity of ab126923 was determined to be 68nmol/min/mg as per activity assay protocol.

Functional Studies - Recombinant human Flt4 protein (ab126923)

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

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