

# Recombinant Human VEGF Receptor 3 protein ab54260

画像数 1

### 製品の詳細

製品名	Recombinant Human VEGF Receptor 3 protein
精製度	> 90 % SDS-PAGE. ab54260 purity is > 90%, by SDS-PAGE and visualised by silver stain. Endotoxin level: < 0.1 ng per ug of sVEGFR3. Affinity purified.
発現系	Insect cells
アクセッション番号	<b><u>P35916</u></b>
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
配列	DPSGYSMTPTLNITEESHVIDTGDSLISICRGQHPLEWAWP GAQEAPAT GDKDSED TG VVRDCEGTDARPYCKVLLLHEVHANDTGSYVCY YKYIKARI EGTTAASSYVFVRDFEQPFINKPDTLLVNRKDAMWVPCLVSI PGLNVTLR SQSSVLWPDGQEVVWDDRRGMLVSTPLLHDALYLQCETTWDG QDFLSNPF LVHITGNELYDIQLLPRKSLELLVGEKLVLNCTVWAEFNSGV TFDWDYPG KQAERGKWPERRSQQTHTELSSILTIHNVSQHDLGSYVCKA NNGIQFRF ESTEVIHENPFISVEWLKGPIL EATAGDELVKLPVKLAAYP PPEFQWYK DGKALSGRHSPHALVLKEVTEASTGTYTLALWNSAAGLRRNI SLELVVNV PPQIHEKEASSPSIYSRHSRQALTCTAYGVPLPLSIQWHWRP WTPCKMFA QRSLRRRQQDLMPQCRDWRVTTQDAVNPIESLDTWTEFVE GKNKTVSK LVIQANV SAMYKCVVSNKVGQDERLIYFYVTTIPDGFTIES KPSEELLE GQPVLLSCQADSYKYEHLRWYRLNLSTLHDAHGNPLLLDCKN VHLFATPL

AASLEEVAPGARHATLSLSIPRVAPEHEGHYVCEVQDRRSHD  
KHCHKKYL  
SVQALEAPRLTQNLTDLLVNVSDSLEMQLVAGAHAPSIVWY  
KDERLLEE  
KSGVDLADSNQKLSIQRVREEDAGRYLCSVCNAKGCVNSSAS  
VAVEGSED  
KGSMEHDPSGYSMTPTLNITEESHVIDTGDSLISCRGQHP  
LEWAWPGA  
QEAPATGDKDSEDGVVRDCEGTDARPYCKVLLLEHVHANDT  
GSYVCYYK  
YIKARIEGTTAASSYVFVRDFEQPFINKPDTLLVNRKDAMWY  
PCLVSIPG  
LNVTLRSQSSVLWPDGQEVVWDDRRGMLVSTPLLHDALYLQC  
ETTWGDQD  
FLSNPFLVHITGNELYDIQLLPRKSLELLVGEKLVLNCTVWA  
EFNSGVTF  
DWDYPGKQAERGKWPERRSQQTHTELSSILTIHNVSQHDLG  
SYVCKANN  
GIQRFRESTEIVHENPFISVEWLKGPILEATAGDELVKLPV  
KLAAYPPP  
EFQWYKDGKALSGRHSPHALVLKEVTEASTGTYTLALWNSAA  
GLRRNISL  
ELVVNVPPQIHEKEASSPSIYSRHSRQALTCTAYGVPLPLSI  
QWHWRPWT  
PCKMFAQRSLRRRQQDLMPQCRDWRAVTTQDAVNPIESLDT  
WTEFVEGK  
NKTVSKLVIQANVVSAMYKCVVSNKVGQDERLIYFYVTTIPD  
GFTIESKP  
SEELLEGQPVLLSCQADSYKYEHLRWYRLNLSTLHDAHGNPL  
LLDCKNVH  
LFATPLAASLEEVAPGARHATLSLSIPRVAPEHEGHYVCEVQ  
DRRSHDKH  
CHKKYL SVQALEAPRLTQNLTDLLVNVSDSLEMQLVAGAHA  
PSIVWYKD  
ERLLEEKSGVDLADSNQKLSIQRVREEDAGRYLCSVCNAKGC  
VNSSASVA VEGSEDKGSMEHHHHHH

予測される分子量	110 kDa
領域	23 to 775
タグ	His tag C-Terminus

## 特性

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Our **Abpromise guarantee** covers the use of **ab54260** 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

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 and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

## 再構成

Reconstitute in PBS or culture medium to a concentration not lower than 100µg/ml.

## 関連情報

### 機能

Receptor for VEGFC. Has a tyrosine-protein kinase activity.

### 組織特異性

Placenta, lung, heart, and kidney, does not seem to be expressed in pancreas and brain.

### 関連疾患

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.

### 配列類似性

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

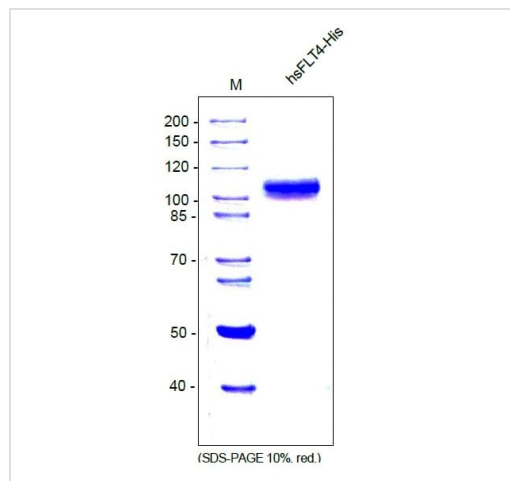
Contains 7 Ig-like C2-type (immunoglobulin-like) domains.

Contains 1 protein kinase domain.

### 細胞内局在

Membrane.

## 画像



SDS-PAGE of recombinant human soluble VEGFR-3/FLT-4. The sample was loaded in 10% SDS-polyacrylamide gel under reducing condition and stained with Silver stain.

SDS-PAGE - Recombinant Human VEGF Receptor  
3 protein (ab54260)

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

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