

Recombinant Human Flt4 ligand/VEGF-C Protein

Catalog No.: RP01173 Recombinant

Sequence Information

Species Gene ID Swiss Prot Human 7424 P49767

Tags

C-His

Synonyms

VEGFC;Flt4-L;LMPH1D;VRP

Product Information

Source Purification HEK293 cells ≥ 90 % as

determined by SDS-

PAGE.

Calculated MW Observed MW

14.93 kDa 19-25 kDa

Endotoxin

< 0.1 EU/ μ g of the protein by LAL method.

Formulation

Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

<u>a</u>		400-999-6126
\bowtie		cn.market@abclonal.com.cn
•	T	www.abclonal.com.cn

Background

Basic Information

Description

Recombinant Human Flt4 ligand/VEGF-C Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Thr103-Arg227) of human VEGF-C/Flt4-L/VRP (Accession $\#NP_005420.1$) fused with a $6\times$ His tag at the C-terminus.

Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human VEGF-C at 0.5 μ g/mL (100 μ L/well) can bind Recombinant Human VEGFR3 with a linear range of 3.92-15.70 ng/mL.

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

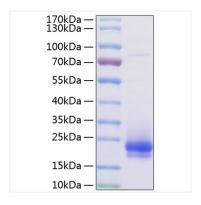
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

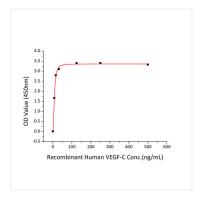
Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Validation Data



Recombinant Human Flt4 ligand/VEGF-C Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Recombinant Human VEGF-C, His Tag at 0.5 μ g/mL (100 μ L/well) can bind Recombinant Human VEGFR3,Fc Tag with a linear range of 3.92-15.70ng/mL.