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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/μg 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

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Background

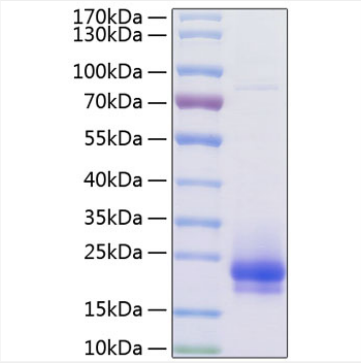
Basic Information

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×His tag at the C-terminus.

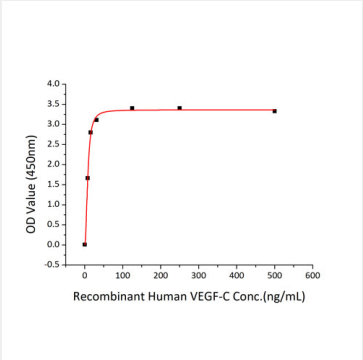
Bio-Activity
Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human VEGF-C at 0.5 μg/mL (100 μL/well) can bind Recombinant Human VEGFR3 with a linear range of 3.92-15.70 ng/mL.

Storage
Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.
Avoid repeated freeze/thaw cycles.

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 0.5μg/mL (100 μL/well) can bind Recombinant Human VEGFR3,Fc Tag with a linear range of 3.92-15.70ng/mL.