9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

37-1261: Human VEGFR3 / FLT4 Recombinant Protein (His Tag)(Discontinued)

Reactivity : Human

Alternative Name : FLT-4 Protein, FLT-41 Protein, FLT41 Protein, LMPH1A Protein, PCL Protein, VEGF Receptor 3 Protein, VEGFR-3 Protein, VEGFR3 Protein,

Description

Source : HEK293 Cells
Vascular endothelial growth factor receptor 3 (VEGFR3), also known as FLT-4, together with the other two members VEGFR1 (FLT-1) and VEGFR2 (KDR/Flk-1) are receptors for vascular endothelial growth factors (VEGF) and belong to the class III subfamily of receptor tyrosine kinases (RTKs). The VEGFR3 protein is expressed mainly on lymphatic vessels but it is also up-regulated in tumor angiogenesis. Mutations in VEGFR3 have been identified in patients with primary lymphoedema. The VEGF-C/VEGF-D/VEGFR3 signaling pathway may provide a target for antilymphangiogenic therapy in prostate cancer, breast cancer, gastric cancer, lung cancer, non-small cell lung cancer (NSCLC), and so on. Cancer Immunotherapy Immune Checkpoint Immunotherapy Targeted Therapy

Product Info

Amount :	Human VEGFR3 / FLT4 Recombinant Protein (His Tag)(Discontinued) / 100 µg
Purification :	> 97 % as determined by SDS-PAGE
Content :	Formulation Lyophilized from sterile PBS, pH 7.4 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Storage condition :	Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Amino Acid :	Met1-Ile776

Application Note

1. Measured by its binding ability in a functional ELISA. 2. Immobilized human VEGF-C at 10 ÃÂµg/mL (100 ÃÂµL/well) can bind human VEGFR3-his. The EC50 of human VEGFR3-his is 0.011 ÃÂµg/mL.
Endotoxin :< 1.0 EU per ÃÂµg of the protein as determined by the LAL method

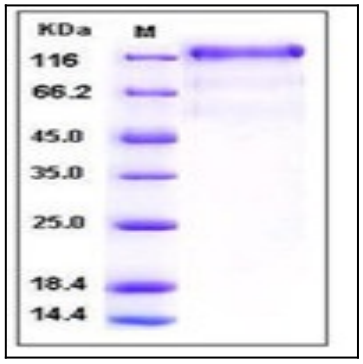

Fig 1: Human VEGFR3 / FLT4 Recombinant Protein (His Tag)