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37-1358: Mouse VEGFR3 / FLT-4 Recombinant Protein (Fc Tag)(Discontinued)

Reactivity : Mouse

Alternative Name : AI323512 Protein, Mouse; Chy Protein, Mouse; Flt-4 Protein, Mouse; VEGFR-3 Protein, Mouse; VEGFR3 Protein, Mouse

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 :	4 Recombinant Protein (Fc Tag)(Discontinued) / 100 µg
Purification :	> 92 % 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-Glu775

Application Note

1. Measured by its ability to bind human VEGF-D in functional ELISA. 2. Immobilized human VEGF-C at 10 ÃÂµg/mL (100 ÃÂµL/well) can bind mouse VEGFR3-Fc. The EC50 of mouse VEGFR3-Fc is 0.008 ÃÂµg/mL. 3. Measured by its ability to bind with mouse FIGF-His in a functional ELISA.
Endotoxin :< 1.0 EU per ÃÂµg of the protein as determined by the LAL method

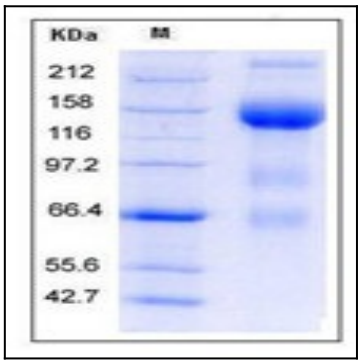


Fig 1: Mouse VEGFR3 / FLT-4 Recombinant Protein (Fc Tag)

For Research Use Only. Not for use in diagnostic/therapeutics procedures.