

Datasheet for ABIN7195829

FLT4 Protein (Fc Tag)**1** Image[Go to Product page](#)

Overview

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|-------------------------------|--|
| Quantity: | 100 µg |
| Target: | FLT4 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Purification tag / Conjugate: | This FLT4 protein is labelled with Fc Tag. |

Product Details

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| Purpose: | Recombinant Mouse VEGFR3/FLT4 Protein (Fc Tag)(Active) |
| Sequence: | Met 1-Glu 775 |
| Characteristics: | A DNA sequence encoding the mouse FLT4 (P35917-1) extracellular domain (Met 1-Glu 775) was fused with the Fc region of human IgG1 at the C-terminus. |
| Purity: | > 92 % as determined by SDS-PAGE |
| Endotoxin Level: | < 1.0 EU per µg of the protein as determined by the LAL method. |
| Biological Activity Comment: | 1. Measured by its ability to bind human VEGF-D in functional ELISA.2. Immobilized human VEGF-C at 10 µg/mL (100 µL/well) can bind mouse VEGFR3-Fc. The EC ₅₀ of mouse VEGFR3-Fc is 0.008 µg/mL.3. Measured by its ability to bind with mouse FIGF-His in a functional ELISA. |

Target Details

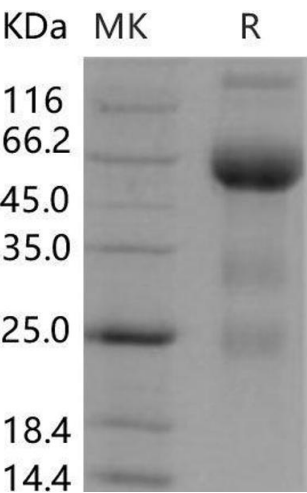
| | |
|---------|------|
| Target: | FLT4 |
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Target Details

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|-------------------|---|
| Alternative Name: | VEGFR3/FLT4 (FLT4 Products) |
| Background: | <p>Background: 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.</p> <p>Immune Checkpoint Immunotherapy Cancer Immunotherapy Targeted Therapy</p> <p>Synonym: AI323512;Chy;Flt-4;VEGFR-3;VEGFR3</p> |
| Molecular Weight: | 112 kDa |
| Pathways: | RTK Signaling , Signaling Events mediated by VEGFR1 and VEGFR2 , VEGF Signaling |

Application Details

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| Restrictions: | For Research Use only |
| Handling | |
| Format: | Lyophilized |
| Reconstitution: | Please refer to the printed manual for detailed information. |
| Buffer: | Lyophilized from sterile PBS, pH 7.4 |
| Storage: | 4 °C,-20 °C,-80 °C |
| Storage Comment: | <p>Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.</p> <p>Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p> |



Western Blotting

Image 1.