

Vascular Endothelial Growth Factor Receptor-3 Fc Chimera Human Re-

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| Item Number | rAP-2119 |
| Synonyms | Tyrosine-protein kinase receptor FLT4, PCL, FLT41, FMS-LIKE TYROSINE KINASE 4, VEGFR-3. |
| Description | Soluble FLT4 Human Recombinant fused with the Fc part of human IgG1 produced in baculovirus is a monomeric, glycosylated, polypeptide containing 774 amino acids and having a molecular mass of 260 kDa. The soluble receptor protein contains only the first 7 extracellular domains, which contain all the infor- |
| Uniprot Accession Number | P35916 |
| Amino Acid Sequence | |
| Source | Insect Cells. |
| Physical Appearance and Stability | Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized FLT4 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution FLT4 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles. |
| Formulation and Purity | FLT4 Fc Chimera was lyophilized from a concentrated (1 mg/ml) sterile solution containing no additives. Greater than 90.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE. |
| Application | |
| Solubility | It is recommended to reconstitute the lyophilized FLT4 Fc Chimera in sterile water not less than 100 µg/ml, which can then be further diluted to other aqueous solutions. |
| Biological Activity | Measured by its ability to bind recombinant rat VEGF-C in a functional solid phase binding assay. Immobilised recombinant human VEGFR-3/FLT-4 at 5 µg/ml can bind recombinant rat VEGF-C in a linear range of 8-500 ng/ml. |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**