

Human FLT4 Fc Recombinant Protein



RPPB2534

Product Information Protein Information

Product SKU:

RPPB2534

Accession:

P35916

Host:

Insect Cells.

Protein 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 information necessary for ligand binding. The FLT4 Fc Chimera is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Tyrosine-protein kinase receptor FLT4, PCL, FLT41, FMS-LIKE TYROSINE KINASE 4, VEGFR-3.

Formulation:

FLT4 Fc Chimera was lyophilized from a concentrated (1 mg/ml) sterile solution containing no additives.

Purity:

Greater than 90.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

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.

Stability:

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.

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.