Human FLT4 Recombinant Protein

RPPB2533

Product Information

Product SKU:
RPPB2533

Accession:
P35916

Host:
Insect Cells.

Protein Information

Protein description:
Soluble FLT4 Human Recombinant fused with a carboxy-terminal 6X histidine-tag produced in baculovirus is a monomeric, glycosylated, polypeptide containing the extracellular part, 25-774 amino acids and having a total molecular mass of 120 kDa. The soluble receptor protein contains only the first 7 extracellular domains, which contain all the information necessary for ligand binding. The FLT4 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, VEGFR3.

Formulation:
FLT4 was lyophilized from a concentrated (1mg/ml) sterile solution containing 1xPBS.

Purity:
Greater than 90.0% as determined by SDS-PAGE.

Solubility:
It is recommended to reconstitute the lyophilized FLT4 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.

