

Human FGFR4 Recombinant Protein



RPPB2522

Product Information Protein Information

Product SKU:

RPPB2522

Accession:

P22455

Host:

Insect Cells.

Protein description:

Soluble FGFR-4a (IIIc) Fc Chimera Human Recombinant fused with Xa cleavage site with the Fc part of human IgG1 produced in baculovirus is a heterodimeric, glycosylated, Polypeptide chain and having a molecular mass of 170 kDa. The FGFR4 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Fibroblast Growth Factor Receptor 4, EC 2.7.10.1, JTK2, TKF, Tyrosine Kinase Related To Fibroblast Growth Factor Receptor, Hydroxyaryl-Protein Kinase, Protein-Tyrosine Kinase, Tyrosylprotein Kinase, CD334 Antigen, EC 2.7.10, FGFR-4, CD334, FGFR4.

Formulation:

CD334 was lyophilized from a concentrated (1mg/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 FGFR-4 in sterile PBS not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized FGFR4 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution FGFR4 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:

Determined by its ability to inhibit human FGF acidic-dependent proliferation on R1 cells. The ED50 for this effect is typically at 15.0-30.0 ng/ml.