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Human soluble FGFR-3-Fc recombinant protein

ORDERING INFORMATION

Catalog No: rAP-0287

Size: 2 µg; 10µg

Storage: <- 20° C

Synonyms:

Achondroplasia, Thanatophoric Dwarfism, CD333, ACH, CEK2, JTK4, HSGFR3EX, FGFR3.

Description:

Soluble FGFR-3a (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 190 kDa.

The FGFR3 is purified by proprietary chromatographic techniques.

Source:

Insect Cells

Physical Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation:

CD333 was lyophilized from a concentrated (1 mg/ml) sterile solution containing no additives.

Solubility:

It is recommended to reconstitute the lyophilized FGFR-3 in sterile PBS not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized FGFR3A although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution FGFR3 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.

Purity:

Greater than 90.0% as determined by:

(a) Analysis by RP-HPLC.

(b) Analysis by SDS-PAGE.

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.

Usage: Angio-Proteomie's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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