11 Park Drive, Suite 12
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Human soluble FGFR-1-Fc recombinant protein

ORDERING INFORMATION

Catalog No: rAP-0285
Size: 2 µg; 10µg
Storage: <- 20° C

Synonyms:
FGFR-1, bFGF-R, C-FGR, CD331, fms-related tyrosine kinase 2, Pfeiffer syndrome, CEK, FLG, FLT2, KAL2, BFGFR, FGFBR, HBGFR, FGFR1/FGFR1OP2 FUSION GENE, FGFR1/ZNF198 FUSION GENE, FLG FGFR1/BCR FUSION GENE, FLG protein, FMS-LIKE GENE, N-sam tyrosine kinase, basic fibroblast growth factor receptor 1.

Description:
Soluble FGFR-1a (IIIc) Fc Chimera Human Recombinant fused with Xa cleavage site with the Fc part of human IgG_1 produced in baculovirus is a heterodimeric, glycosylated, Polypeptide chain and having a molecular mass of 190 kDa.
The FGFR1 is purified by proprietary chromatographic techniques.

Source:
Insect Cells

Physical Appearance:
Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation:
CD331 was lyophilized from a concentrated (1 mg/ml) sterile solution containing no additives.

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

Stability:
Lyophilized FGFR1A although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution FGFR1 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 ED_{50} 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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