

Fibroblast Growth Factor Receptor 2 Fc Chimera Human Recombinant

Item Number	rAP-1106
Synonyms	Keratinocyte growth factor receptor 2, CD332, FGFR2.
Description	Soluble FGFR-2a (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 195 kDa. The FGFR2 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P21802
Amino Acid Sequence	
Source	Insect Cells.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized FGFR2A although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution FGFR2 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.
Formulation and Purity	CD332 was lyophilized from a concentrated (1 mg/ml) sterile solution containing no additives. Greater than 90.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized FGFR-2 in sterile PBS not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.
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.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**