Human FGFR2 Recombinant Protein

RPPB2517

Product Information

Product SKU:
RPPB2517

Accession:
P21802

Host:
Insect Cells.

Protein Information

Protein 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 containing 602 amino acids and having a molecular mass of 170 kDa. The FGFR2 is purified by proprietary chromatographic techniques.

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

Synonyms:
Keratinocyte growth factor receptor 2, CD332, FGFR2.

Formulation:
CD332 was lyophilized from a concentrated (1 mg/ml) sterile solution containing no additives.

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

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.

Stability:
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.

Amino Acid Sequence:
RPSFSLVEDTTLEPEEPPTKYQISQPEVYVAAPGESLEVRCLLKDAAVISWT
KDGVHLGPNNRTVLIGEYLQIKGATPRDSGLYACTASRTVDSETWYFMVNVT
DAISSGDDEDDTDGAEDFVSENSNNKRAPYWTNTEKMEKRLHAVPAANTVKF
RCPAGGNPMPTMRWLKNGKEFKQEHRIGGYKVRNQHWSLIMESVVPSDKGNY
TCVVENEYGSINHTYHLDVVERSPHRPILQAGLPANASTVVGGDVEFVCKVY
SDAQPHIQWIKHVEKNGSKYGPDGLPYLKVLKAAGVNTTDKEIEVLYIRNVT
FEDAGEYTCLAGNSIGISFHSAWLTVLPAPGREKEITASPDYLEDPRRASIE
GRGDPEEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTC
VVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDW
LNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSL
TCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRW
QQGNVFSCSVMHEALHNHYTQKSLSLSPGK

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Biological Activity:
Determined by its ability to inhibit human FGF-2 dependent proliferation on HUVE cells. The ED50 for this effect is typically at 15 - 30ng/ml.

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