

Biotinylated Recombinant Human FGFR-3 alpha (IIIb)/CD333 Protein

RPCB0613



Product Information

Product SKU: RPCB0613 **Gene ID:** 2261 **Size:** 100µg
Tag: C-His&Avi **Reactivity:** Human

Additional Information

Expression Host: - **Swissprot:** P22607-2
Purity: > 95% by SDS-PAGE ; > 95% by HPLC

Protein Information

Background: Four distinct genes encoding closely related FGF receptors, FGF R1-4, are known. All four genes for FGF Rs encode proteins with an N-terminal signal peptide, three immunoglobulin (Ig)-like domains, an acid box region containing a run of acidic residues between the Igl and IgII domains, a transmembrane domain and the split tyrosine-kinase domain. FGFR3 is tyrosine-protein kinase that acts as cell-surface receptor for fibroblast growth factors and plays an essential role in the regulation of cell proliferation, differentiation and apoptosis. Plays an essential role in the regulation of chondrocyte differentiation, proliferation and apoptosis, and is required for normal skeleton development. Regulates both osteogenesis and postnatal bone mineralization by osteoblasts.

Protein Description: High quality, high purity and low endotoxin recombinant Biotinylated Recombinant Human FGFR-3 alpha (IIIb)/CD333 Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: < 1 EU/µg of the protein by LAL method

Formulation: Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

Storage: Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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