

### Product Information

<b>Product SKU:</b>	RPCB0219	<b>Gene ID:</b>	2263	<b>Size:</b>	10µg
<b>Tag:</b>	No tag	<b>Reactivity:</b>	Human		

### Additional Information

<b>Expression Host:</b>	Baculovirus-Infected Sf9 Cells	<b>Swissprot:</b>	P21802
<b>Purity:</b>	> 97% by SDS-PAGE.		

### Protein Information

**Background:** The protein is a member of the fibroblast growth factor receptor family, where amino acid sequence is highly conserved between members and throughout evolution. FGFR family members differ from one another in their ligand affinities and tissue distribution. A full-length representative protein consists of an extracellular region, composed of three immunoglobulin-like domains, a single hydrophobic membrane-spanning segment and a cytoplasmic tyrosine kinase domain. The extracellular portion of the protein interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. This particular family member is a high-affinity receptor for acidic, basic and/or keratinocyte growth factor, depending on the isoform. Mutations in this gene are associated with Crouzon syndrome, Pfeiffer syndrome, Craniosynostosis, Apert syndrome, Jackson-Weiss syndrome, Beare-Stevenson cutis gyrata syndrome, Saethre-Chotzen syndrome, and syndromic craniosynostosis.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Human FGFR-2/KGFR/CD332 Kinase Domain Protein, tested reactivity in Baculovirus-Infected Sf9 Cells and has been validated in SDS-PAGE. 100% guaranteed.

**Endotoxin:** < 1.0 EU/µg of the protein by LAL method.

**Formulation:** Lyophilized from a 0.22 µm filtered solution of 20mM Tris, 200mM NaCl, pH 8.0. Contact us for customized product form or formulation.

**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.