Human FGFR2(313-363) Protein, mFc Tag Cat. No. PME101656



PRODUCT INFORMATION

SynonymsFCFR2IIIb; EEK; JWS; BBDS; CEK3; CFD1; ECT1; KCFR; TK14; TK25; BFD1; CFD32; KSAMDescriptionRecombinant human FGFR2(313-363) Protein with C-terminal mouse Fc tagDeliveryIn StockUniprot IDP21802-3Expression HostHEK293TagC-Mouse Fc tagMolecular CharacterizationFGFR2(Lys313-Ala363) mFc(Pro99-Lys330)The protein has a predicted molecular mass of 31.7 kOa there removal of the signal petide. The approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.Formulation & ReconstitutionLyophilized from sterile PBS, pH 7.4. Normally 5 % - 55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.Storage & ShippingLyophilized from sterile PBS, pH 7.4. Normally 5 % - 56% trehalos growth factor sectificate of Analysis for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in therded for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized forvisine kinas edomain. The the fbroblast growth factor setting in high conserved bytophilized forws the and differentiation. This therefore and differentiation. The the fbroblast growth factor setting in motion a cascade of downstream signals. Ultimately bytophilized forws the and insue differentiation. This the fbroblast growth factor setting in motion a cascade of downstream signals. Ultimately bytophilized forws the resting of three mununglobulin-like domain, a single hydrophobic membrane-spanning segment and a cytopalamic region of the protein interacts with fibroblast grow	Target	FGFR2
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Storage & Shippinglyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.The protein encoded by this gene 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, and syndrome. Saethre-Chotzen syndrome, and syndrome craniosynostosis. Multiple alternatively spliced transcript variants encoding different is forms have been noted for this gene. [provided by RefSeq, Jan 2009]UsageResearch use only		 - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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Figure 1. Human FGFR2(313-363) Protein, mFc Tag on SDS-PAGE under reducing condition.

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