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32-17586: Recombinant Human FGFR4 Protein, His Tag

Uniprot ID : P22455
Alternative Name : CD334, JTK2, TKF

Description

Molecular Characterization: FGFR4(Leu22-Asp369) 6Ã—His Tag
Molecular weight: The protein has a predicted molecular mass of 39.3 kDa after removal of the signal peptide.The apparent molecular mass of FGFR4-His is approximately 35-70 kDa due to glycosylation.
Description: Recombinant Human FGFR4 Protein with C-terminal 6Ã—His tag
The protein encoded by this gene is a tyrosine kinase and cell surface receptor for fibroblast growth factors. The encoded protein is involved in the regulation of several pathways, including cell proliferation, cell differentiation, cell migration, lipid metabolism, bile acid biosynthesis, vitamin D metabolism, glucose uptake, and phosphate homeostasis. This 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 interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation.

Product Info

Amount :	100 µg / 50 µg
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized 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.