PRODUCT INFORMATION

Target	FGFR4
Synonyms	CD334;JTK2;TKF
Description	Recombinant Human FGFR4 Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P22455
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	FGFR4(Leu22-Asp369) 6×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.
Purity	The purity of the protein is greater than 90% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	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. [provided by RefSeq, Aug 2017]
Usage	Research use only
Conjugate	Unconjugated

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Figure 1. Human FGFR4 Protein, His Tag on SDS-PAGE under reducing condition.

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