

FGFR4, 22-369aa, Human, His tag, Baculovirus

Cat.NO.: TP02124

3th Edition

Synonyms: Fibroblast growth factor receptor 4 isoform 1, FGFR4, CD334, JTK2, TKF, CD 334, CD334 antigen, fc13h 10, fc13h10, Fgfr 4, FGFR-4, Fgfr4, FGFR4_HUMAN, Fibroblast growth factor receptor 4.

Description: FGFR4, as known as fibroblast growth factor receptor 4 isoform 1, is a glycosylated transmembrane receptor tyrosine kinase. This protein is widely expressed during embryonic development and in adult liver, kidney, and lung. Also, it is associated with beta-Klotho and sulfated glycosaminoglycans, and these interactions increase the affinity of FGFR4 for its ligands as well as its signaling capacity. This receptor signaling is additionally required for skeletal muscle development in limbs. Recombinant human FGFR4, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol

Molecular Weight: 39.5kDa (356aa), 40-57kDa (SDS-PAGE under reducing conditions)

Sequences:

LEASSEEVELEPCCLAPSLEQQEQELTVALGQPVRLCCGRAERGHHWYKEGSRLAPAGRVRGWRGRLEIASFLPEDA
GRYLCLARGSMIVLQNLTLITGDSLTSNDDDEPKSHRDPSNRHSYPQQAPYWTHPQRMEKKLHAVPAGNTVKFR
CPAAGNPTPTIRWLKDGQAFHGENRIGGIRLRHQHWSLVMESVVPSPDRGTYTCLVENAVGSIRYNYLLDVLSRPH
RPILQAGLPANTTAVVGSDVELLCKVYSDAQPHIQWLKHIVINGSSFGADGFPYVQVLKTADINSSEVEVLYLRNVSA
EDAGEYTCLAGNSIGLSYQSAWLTVLPEEDPTWTAAPEARYTDLEHHHHHH

Purity: > 95% by HPLC

Concentration: 0.25mg/ml (determined by Absorbance at 280nm)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.