

Product information

FGFR4, 22-369aa

Human, His-tagged, Recombinant, Insect cell

Cat. No. IBATGP3423

Full name: Fibroblast growth factor receptor 4 isoform 1

NCBI Accession No.: NP_002002

Synonyms: FGFR4, CD334, JTK2, TKF

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.

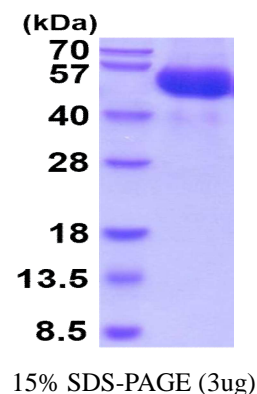
Molecular Weight: 39.5kDa (356aa)
40-57kDa (SDS-PAGE under reducing conditions.)

Predicted N terminal: Leu22

Purity: > 90% by SDS – PAGE.

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

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



Sequences of amino acids:

LEAEEVELE PCLAPSLEQQ EQELTVALGQ PVRLCCGRAE RGGHWYKEGS RLAPAGRVRG WRGRLEIASF LPEDAGRYLC LARGSMIVLQ
NLTLITGDSL TSSNDDDEPK SHRDPSNRHS YPQQAPYWTH PQRMEKKLHA VPAGNTVKFR CPAAGNPTPT IRWLKDGQAF HGENRIGGIR
LRHQHWSLVM ESVVPSDRGT YTCLVENAVG SIRYNYLLDV LERSPHRPIL QAGLPANTTA VVGSDVELLC KVYSDAQPHI QWLKHIVING
SSFADGFPY VQVLKTADIN SSEVEVLYLR NVSAEDAGEY TCLAAGNSIGL SYQSAWLTVL PEEDPTWTAA APEARYTDLE HHHHHH

General references:

Liu R., *et al.* (2013) *Cancer Res.* 73:5926-5935.

Shen YY., *et al.* (2013) *World J. Gastroenterol.* 19:4568-4575.

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.