

Recombinant human FGF receptor 4/FGFR4 protein

Catalog Number: ATGP3423

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

22-369aa

UniProt No.

P22455

NCBI Accession No.

NP_002002

Alternative Names

Fibroblast growth factor receptor 4, FGFR-4, CD334, JTK2, TKF

PRODUCT SPECIFICATION

Molecular Weight

39.5 kDa (356aa)

Concentration

0.25mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 90% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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 associates 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

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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.

Amino acid Sequence

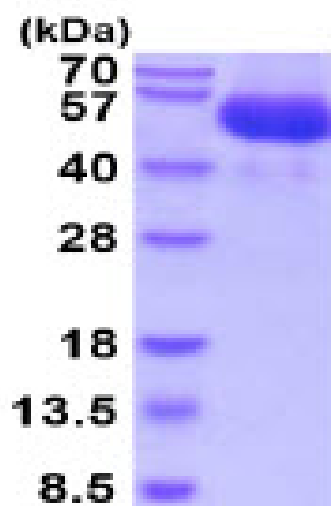
LEAEEVELE PCLAPSLEQQ EQELTVALGQ PVRLCCGRAE RGGHWYKEGS RLAPAGRVRG WRGRLEIASF LPEDAGRYLC
LARGSMIVLQ NLTITGDSL TSSNDDDEPK SHRDPSNRHS YPQQAPYWTH PQRMEKKLHA VPAGNTVKFR CPAAGNPTPT
IRWLKDGQAF HGENRIGGIR LRHQHWSLVM ESVVPSDRGT YTCLVENAVG SIRYNYLLDV LERSPHRPIL QAGLPANTTA
VVGSDVELLC KVYSDAQPHI QWLKHIVING SSFGADGFPY VQVLKTADIN SSEVEVLYLR NVSAEDAGEY TCLAGNSIGL
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.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)