

Product datasheet for **TP319813**

FGFR4 (NM_022963) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human fibroblast growth factor receptor 4 (FGFR4), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219813 representing NM_022963 Red =Cloning site Green =Tags(s)

MRLLLALLGVLLSVPGPPVLSLEAEEVELEPCLAPSLEQQEQELTVALGQPVRLCCGRAERGGHWYKEG
SRLAPAGRVRGWRGRLEIASFLPEDAGRYLCLARGSMIVLQNLTLITGDSLTSNDDDEPKSHRDLNSNRH
SYPQQAPYWTHPQRMEKKLHAVPAGNTVKFRCPAAGNPTPTIRWLKDGQAFHGENRIGGIRLRHQHWSLV
MESVPSDRGTYTCLVENAVGSIRYNYLLDVLERSPHRPILQAGLPANTTAVVGSDELCKVYSDAQPH
IQWLKHIVINGSSFGADGFPYVQLKTADINSSEVEVLYLRNVAEDAGEYTCLAGNSIGLSYQSAWLTV
LPGTGRIPHLTCDLTPAGRTKSPTLQFSLESGSSGKSSSLVLRGVRLSSSGPALLAGLVSLDPLDPLW
EFPRDRLVLGKPLGEGCFGQVRAEAFGMDPARPDQASTVAVKMLKDNASDKDLADLVSEMEVMKLIQRH
KNIINLLGVCTQEGPLYVIVECAAKGNLREFLRARRPPGPDLSPDGPRSSEGPLSPVLVSCAYQVARGM
QYLESRKCIIHRDLAARNVLVTDNVMKIADFLARGVHHIDYYKKTNGRLPVKWMapeALFDRVYTHQS
DVWSFGILLWEIFTLGGSPYPGIPVEELFSLREGHRMDRPPHCPELYGLMRECWHAAAPSQRPTFKQLV
EALDKVLLAVSEEYLDLRLTFGPYSPSGGDASSTCSSSDSVFSDHPLPLGSSSPFGSGVQT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

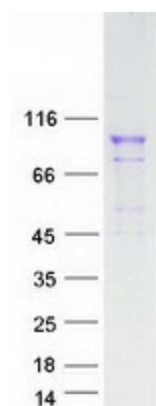
Tag:	C-Myc/DDK
Predicted MW:	80.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_075252
Locus ID:	2264
UniProt ID:	P22455 , P22455-2
RefSeq Size:	2807
Cytogenetics:	5q35.2
RefSeq ORF:	2286
Synonyms:	CD334; JTK2; TKF
Summary:	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]
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	Endocytosis, MAPK signaling pathway, Regulation of actin cytoskeleton

Product images:



Coomassie blue staining of purified FGFR4 protein (Cat# TP319813). The protein was produced from HEK293T cells transfected with FGFR4 cDNA clone (Cat# [RC219813]) using MegaTran 2.0 (Cat# [TT210002]).