

Recombinant Rhesus Monkey FGFR2 Protein

Cat. No. FGFR2-1752R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus monkey FGFR2 Protein (XP_015003813 (aa.22-377)) was expressed in human HEK293 cells.
Species	Rhesus macaque
Source	HEK293
ProteinLength	22-377 a.a.
Description	FGFR2 is the cell-surface receptor for fibroblast growth factors and plays an essential role in the regulation of cell proliferation, differentiation, migration and apoptosis, and in the regulation of embryonic development. Required for normal embryonic patterning, trophoblast function, limb bud development, lung morphogenesis, osteogenesis and skin development. Plays an essential role in the regulation of osteoblast differentiation, proliferation and apoptosis, and is required for normal skeleton development. Promotes cell proliferation in keratinocytes and immature osteoblasts, but promotes apoptosis in differentiated osteoblasts. Fibroblast growth factor receptor 2 has been shown to interact with FGF1. The spliced isoforms, however differ in binding: FGFR2IIIb binds to FGF-1, -3, -7, -10, -22. FGFR2IIIc binds to FGF-1, -2, -4, -6, -8, -9, -17 and -18.
Form	PBS, pH7.4.
Purity	> 95 %

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Applications	ELISA; WB; Immunogen
Storage	-80 centigrade, Avoid freeze/thaw cycle.
Concentration	1 mg/mL
GENE INFORMATION	
Gene Name	FGFR2 fibroblast growth factor receptor 2 [Macaca mulatta (Rhesus monkey)]
Official Symbol	FGFR2
Synonyms	FGFR2; fibroblast growth factor receptor 2; bacteria expressed kinase ; BEK; CFD1; craniofacial dysostosis 1 ; Jackson Weiss syndrome ; JWS; keratinocyte growth factor receptor ; KGFR; CD332; CEK3; Crouzon syndrome; ECT1; K SAM; Pfeiffer syndrome; TK14; TK25; FGFR-2; FGF receptor; soluble FGFR4 variant 4; bacteria-expressed kinase; hydroxyaryl-protein kinase; keratinocyte growth factor receptor; BEK fibroblast growth factor receptor; protein tyrosine kinase; receptor like 14; BEK; JWS; CFD1; KGFR; BFR-1; K-SAM; FLJ98662;
Gene ID	715949
mRNA Refseq	XM_015148327.1
Protein Refseq	XP_015003813

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