

Product datasheet for **RC200819**

FGFBP1 (NM_005130) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FGFBP1 (NM_005130) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FGFBP1
Synonyms:	FGF-BP; FGF-BP1; FGFBP; FGFBP-1; HBP17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC200819 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGATCTGTAGCCTCACCTGCTCTCCTTCTCCTACTGGCTGCTCAGGTGCTCCTGGTGGAGGGGA
AAAAAAAAAGTGAAGAATGGACTTCACAGCAAAGTGGTCTCAGAACAAAAGGACTCTGGGCAACACCCA
GATTAAGCAGAAAAGCAGGCCCGGAACAAAGGCAAGTTGTACCAAAGACCAAGCCAAGTGCAGATGG
GCTGCTACTGAGCAGGAGGAGGGCATCTCTCAAGTTGAGTGCCTCAATTGGACCATGAATTTTCT
GTGTCTTTGCTGGCAATCCAACCTCATGCCTAAAGCTCAAGGATGAGAGAGTCTATTGGAACAAGTTGC
CCGGAATCTGCGCTCACAGAAAGACATCTGTAGATATTCCAAGACAGCTGTGAAAACAGAGTGTGCAGA
AAGGATTTCCAGAATCCAGTCTTAAGCTAGTCAGCTCCACTCTATTTGGGAACAAAAGCCCAGGAAGG
AGAAAACAGAGATGTCCCCAGGGAGCACATCAAGGGCAAAGAGACCACCCCTCTAGCCTAGCAGTGAC
CCAGACCATGGCCACAAAGCTCCCGAGTGTGTGGAGGCCAGATATGGCAAACAGAGGAAGACTGCC
CTGGAGTTCTGTGGAGAGACTTGGAGCTCTCTGCACATTCTCCTCAGCATAGTGCAGGACACGTCAT
GC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_005130.2](#)

RefSeq Size: 1369 bp

RefSeq ORF: 705 bp

Locus ID: 9982

UniProt ID: [Q14512](#)

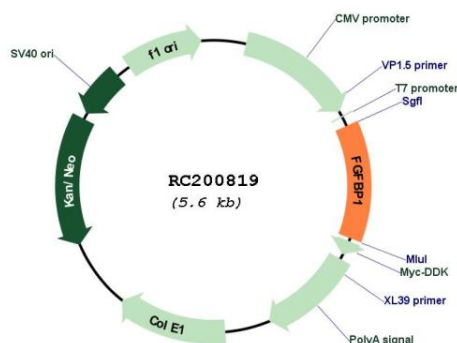
Cytogenetics: 4p15.32

Protein Families: Secreted Protein

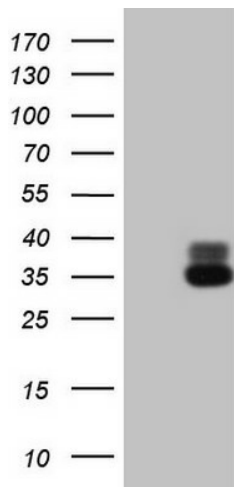
MW: 26.3 kDa

Gene Summary: This gene encodes a secreted fibroblast growth factor carrier protein. The encoded protein plays a critical role in cell proliferation, differentiation and migration by binding to fibroblast growth factors and potentiating their biological effects on target cells. The encoded protein may also play a role in tumor growth as an angiogenic switch molecule, and expression of this gene has been associated with several types of cancer including pancreatic and colorectal adenocarcinoma. A pseudogene of this gene is also located on the short arm of chromosome 4. [provided by RefSeq, Nov 2011]

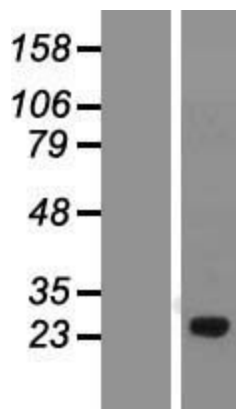
Product images:



Circular map for RC200819



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY FGFBP1 (Cat# RC200819, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-FGFBP1 (Cat# [TA808309])(1:2000). Positive lysates [LY417486] (100ug) and [LC417486] (20ug) can be purchased separately from OriGene.



Western blot validation of overexpression lysate (Cat# [LY417486]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC200819 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).