

Product datasheet for **RG221191**

FIBP (NM_198897) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FIBP (NM_198897) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FIBP
Synonyms:	FGFIBP; FIBP-1; TROFAS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG221191 representing NM_198897 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCAGTGAGCTGGACATCTTCGTGGGAACACGACCCTTATCGACGAGGACGTGTATCGCCTCTGGC
TCGATGGTTACTCGGTGACCGACGCGGTGGCCCTGCGGGTGCCTCGGGAATCCTGGAGCAGACTGGCGC
CACGGCAGCGGTGCTGCAGAGCGACACCATGGACCATTACCGCACCTCCACATGCTCGAGCGGCTGCTG
CATGCGCCGCCAAGCTACTGCACCAGCTCATCTCCAGATTCCGCCCTCCGGCAGGCACTACTCATCG
AGAGGTACTATGCCTTTGATGAGGCCTTTGTTCCGGAGGTGCTGGCAAGAAGCTGTCCAAGGCACCAA
GAAAGACCTGGATGACATCAGCACCAAAACAGGCATCACCTCAAGAGCTGCCGGAGACAGTTTGACAAC
TTTAAACGGGTCTTCAAGGTGGTAGAGGAAATGCGGGGCTCCCTGGTGGACAATATTCAGCAACACTTCC
TCCTCTCTGACCGGTTGGCCAGGACTATGCAGCCATCGTCTTCTTTGCTAAACAACCGCTTTGAGACAGG
GAAGAAAAAAGCTGCAGTATCTGAGCTTCGGTGACTTTGCCTTCTGCGCTGAGCTCATGATCCAAAAGTGG
ACCCTTGGAGCCGTGGTGAGGCCCCCACTGACCCAGACTCACAGATGGATGACATGGACATGGACTTAG
ACAAGGAATTTCCAGGACTTGAAGGAGCTCAAGGTGCTAGTGGCTGACAAGGACCTTCTGGACCTGCA
CAAGAGCCTGGTGTCACTGCTCTCCGGGAAAGCTGGGCGTCTTCTCTGAGATGGAAGCCAAGTCAAG
AACCTGTCCCGGGGCTGGTGAACGTGGCCGCAAGCTGACCCACAATAAAGATGTCAGAGACCTGTTTG
TGGACCTCGTGGAGAAGTTTGTGGAACCTGCCGCTCCGACCACTGGCCACTCAGCGACGTGCGGTTCTT
CCTGAATCAGTATTCAGCGTCTGTCCACTCCCTCGATGGCTTCCGACACCAGGCCCTCTGGACCGCTAC
ATGGGCACCTCCGCGGCTGCCTCTGCGCTGTATCATGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG221191 representing NM_198897
Red=Cloning site Green=Tags(s)

MTSELDIFVGNTTLLIDEDVYRLWLDGYSVTDVAVALRVRSGLILEQTGATAAVLQSDTMDHYRTFHMLERLL
 HAPPKLLHQLIFQIPPSRQALLIERYAFDEAFVREVLGKKLSKGTKKLDDISTKTGITLKCRRQFDN
 FKRVFKVVEEMRGLVDNIQQHFLLSDRLARDYAAIVFFANNRFETGKKLQYLSFGDFAFCAELMIQNW
 TLGAVGEAPTDPSQMDMDMDLDFDLKELKVLVADKDLLDLHKSIVCTALRGKLGVFSEMEANFK
 NLSRGLVNVAAKLTHNKDVRDLFVDLVEKVFVEPCRSDHWPLSDVRFVFLNQYSASVHSLDGFRRHQALWDRY
 MGLRGCLLLRYHD

TRTRPLE - GFP Tag - V

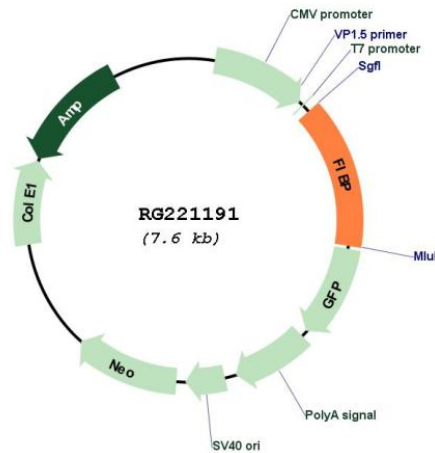
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_198897

ORF Size:	1092 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">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_198897.2
RefSeq Size:	1450 bp
RefSeq ORF:	1095 bp
Locus ID:	9158
UniProt ID:	O43427
Cytogenetics:	11q13.1
Gene Summary:	Acidic fibroblast growth factor is mitogenic for a variety of different cell types and acts by stimulating mitogenesis or inducing morphological changes and differentiation. The FIBP protein is an intracellular protein that binds selectively to acidic fibroblast growth factor (aFGF). It is postulated that FIBP may be involved in the mitogenic action of aFGF. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]