

Product datasheet for **SC321221**

FIBP (NM_004214) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: FIBP (NM_004214) Human Untagged Clone
Tag: Tag Free
Symbol: FIBP
Synonyms: FGFIBP; FIBP-1; TROFAS
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_004214.4
GGCGCGCAGTCCCGAGCAGTGCCTCGCTCGGGGCGCTGCGGCCCGGGCGTCCG
CATGACCAAGTGGAGTGGACATCTTCGTGGGGAACACGACCTTATCGACGAGGACGTGA
TCGCTCTGGCTCGATGTTACTCGGTGACCGACGCGGTGGCCCTGCGGGTGCCTCGGG
AATCCTGGAGCAGACTGGCGCCACGGCAGCGGTGCTGCAGAGCGACACCATGGACCATT
CCGCACCTTCCACATGCTCGAGCGGCTGCTGCATGCGCCGCCAAGCTACTGCACCAGCT
CATCTTCCAGATTCCGCCCTCCCGCAGGCACTACTCATCGAGAGGTAATGCCTTTGA
TGAGGCCCTTTGTTGCGGAGGTGCTGGGCAAGAAGCTGTCAAAGGCACCAAGAAAGACCT
GGATGACATCAGCACAAAACAGGCATCACCTCAAGAGCTGCCGAGACAGTTTGACAA
CTTTAAACGGGTCTTCAAGGTGGTAGAGGAAATGCGGGGCTCCCTGGTGGACAATATTCA
GCAACACTTCTCTCTCTGACCGTTGGCCAGGACTATGCAGCCATCGTCTTCTTTGC
TAACAACCGCTTTGAGACAGGGAAGAAAAAAGTGCAGTATCTGAGCTTCGGTGACTTTGC
CTTCTGCGCTGAGCTCATGATCCAAAAGTGGACCTTGGAGCCGTCGACTCACAGATGGA
TGACATGGACATGGACTTAGACAAGGAATTTCTCCAGGACTTGAAGGAGCTCAAGGTGCT
AGTGGCTGACAAGGACCTTCTGGACCTGCACAAGAGCCTGGTGTGCACTGCTCTCCGGGG
AAAGCTGGGCGTCTTCTCTGAGATGGAAGCCAATTCAAGAACCTGTCCCGGGGGCTGGT
GAACGTGGCCGCAAGCTGACCCACAATAAAGATGTCAGAGACCTGTTTGTGGACCTCGT
GGAGAAGTTTGTGGAACCCTGCCGCTCCGACCTGGCCACTCAGCGACGTGCGGTTCTT
CCTGAATCAGTATTCAGCGTCTGTCCACTCCCTCGATGGCTTCCGACACCAGGCCCTCTG
GGACCGCTACATGGGCACCTCCGCGGCTGCCTCCTGCGCTGTATCATGACTGAGGTGC
CTCCCAACGCTCCGCCACGCTGACAATAAAGTTGCTCTGAGTTTGAIAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_004214



[View online »](#)

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_004214.4</u> , <u>NP_004205.2</u>
RefSeq Size:	1429 bp
RefSeq ORF:	1074 bp
Locus ID:	9158
UniProt ID:	<u>O43427</u>
Cytogenetics:	11q13.1
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site compared to variant 1. The resulting isoform (b) has the same N- and C-termini but is shorter compared to isoform a.</p>