

Product datasheet for SC307805

FIBP (NM_198897) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FIBP (NM_198897) Human Untagged Clone
Tag:	Tag Free
Symbol:	FIBP
Synonyms:	FGFIBP; FIBP-1; TROFAS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC307805 representing NM_198897. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGACCAGTGAGCTGGACATCTTCGTGGGGAACACGACCCTTATCGACGAGGACGTGTATCGCCTCTGG
CTCGATGGTTACTCGGTGACCGACGCGGTGGCCCTGCGGGTGCCTCGGGAATCCTGGAGCAGACTGGC
GCCACGGCAGCGGTGCTGCAGAGCGACACCATGGACCATTACCGCACCTCCACATGCTCGAGCGGCTG
CTGCATGCGCCGCCAAGCTACTGCACCAGCTCATCTCCAGATTCCGCCCTCCCGGCAGGCACTACTC
ATCGAGAGGTACTATGCCTTTGATGAGGCCTTTGTTCCGGGAGGTGCTGGCAAGAAGCTGTCCAAAGGC
ACCAAGAAAGACCTGGATGACATCAGCACAAAACAGGCATCACCTCAAGAGCTGCCGGAGACAGTTT
GACAACTTTAAACGGGTCTTCAAGGTGGTAGAGGAAATGCGGGGCTCCCTGGTGGACAATATTCAGCAA
CACTTCTCTCTCTGACCGGTTGGCCAGGACTATGCAGCCATCGTCTTCTTTGCTAACAACCGCTTT
GAGACAGGGAAGAAAAAAGTGCAGTATCTGAGCTTCGGTACTTTGCCTTCTGCGCTGAGCTCATGATC
CAAACTGGACCTTGGAGCCGTCGGTGAAGCCCACTGACCCAGACTCACAGATGGATGACATGGAC
ATGGACTTAGACAAGGAATTTCTCCAGGACTTGAAGGAGCTCAAGGTGCTAGTGGCTGACAAGGACCTT
CTGGACCTGCACAAGAGCCTGGTGTGCACTGCTCTCCGGGAAAGCTGGGCGTCTTCTGAGATGGAA
GCCAATCAAGAACCTGTCCCGGGGCTGGTGAACGTGGCCCAAGCTGACCCACAATAAAGATGTC
AGAGACCTGTTTGTGGACCTCGTGGAGAAGTTTGTGAACCTGCCGCTCCGACCTGGCCACTGACCCACTCAGC
GACGTGCGGTTCTTCTGAATCAGTATTACAGCTCTGTCCACTCCCTCGATGGCTCCGACACCAGGCC
CTCTGGGACCGCTACATGGGCACCTCCCGGCTGCCTCTGCGCTGTATCATGACTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI

Plasmid Map: □



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ACCN:	NM_198897
Insert Size:	1095 bp
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_198897.1</u>
RefSeq Size:	1450 bp
RefSeq ORF:	1095 bp
Locus ID:	9158
UniProt ID:	<u>O43427</u>
Cytogenetics:	11q13.1
MW:	41.9 kDa
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 (1) represents the longer transcript and encodes the longer isoform (a).</p>