

Product datasheet for **SC107883**

FBP17 (FNBP1) (NM_015033) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBP17 (FNBP1) (NM_015033) Human Untagged Clone
Tag:	Tag Free
Symbol:	FNBP1
Synonyms:	FBP17
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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Fully Sequenced ORF: >NCBI ORF sequence for NM_015033, the custom clone sequence may differ by one or more nucleotides

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ATGAGCTGGGGCACCCGAGCTCTGGGATCAGTTTGACAACCTAGAAAAACACACACAGTGGGGAAATTGATA
TTCTTGAGAAATATATCAAGTTTGTGAAAGAAAGGACAGAGATTGAACTCAGCTATGCAAAGCAACTCAG
GAATCTTTCAAAGAAGTACCAACCTAAAAAGAAGCTCGAAGGAGGAAGAATAACAAGTATACGTATGT
AAAGCTTTTCATTTCCAACCTGAACGAAATGAATGATTACGCAGGGCAGCATGAAGTTATCTCCGAGAACA
TGGCATCACAGATCATTGTGGACTTGGCAGCCTATGTTTCAGGAACTGAAACAGGAGAGGAAATCAAACCT
TCACGATGGCCGTAAAGCACAGCAGCACATCGAGACTTGTGGAAGCAGCTTGAATCTAGTAAAAGGCGA
TTTGAACGCGATTGCAAAGAGGCGGACAGGGCGCAGCAGTACTTTGAGAAAATGGACGCTGACATCAATG
TCACAAAAGCGGATGTTGAAAAGGCCGACAACAAGCTCAAATACGTACCAAATGGCAGAGGACAGCAA
AGCAGATTACTCATCCATTCTCCAGAAATCAACCATGAGCAGCATGAATATTACATACTCACATCCCC
AACATCTTCCAGAAAATACAAGAGATGGAGGAAAGGAGGATTGTGAGAATGGGAGAGTCCATGAAGACAT
ATGCAGAGGTTGATCGGCAGGTGATCCCAATCATTGGGAAGTGCCTGGATGGAATAGTAAAAGCAGCCGA
ATCAATTGATCAGAAAAATGATTCACAGCTGGTAAATAGAAGCTTATAAATCAGGGTTTGAGCCTCCTGGA
GACATTGAATTTGAGGATTACACTCAGCCAATGAAGCGCACTGTGTGAGATAACAGCCTTTCAAATTTCCA
GAGGAGAAGGCAAACCAGACCTCAAATTTGGTGGCAAATCCAAAGGAAAGTTATGGCCGTTCAAAAAA
AAATAAGCTTATGTCCTTTTAAACATCCCCCATCAGCCTCCCCCTCCCCCTCCTGCCTCTGCCTCACCC
TCTGCTGTTCCCAACGGCCCCAGTCTCCAAGCAGCAAAAGGAACCCCTCTCCCATCGTTCAACGAGT
TCATGACCTCAAACCCAAAAATCCACTGCTTCCAGGACCTAAAGCGTGGGCTTTCTCTCAAGCTGGGTGC
AACACCGGAGGATTTAGCAACCTCCCACCTGAACAAAGAAGGAAAAAGCTGCAGCAGAAAGTTCGATGAG
TTAAATAAAGAAATTCAGAAGGAGATGGATCAAAGAGATGCCATAACAAAAATGAAAGATGTCTACCTAA
AGAATCCTCAGATGGGAGACCCAGCCAGTTTGGATCACAATTAGCAGAAGTCAGCCAAAATATAGAGAA
ACTGCGAGTAGAGACCCAGAAATTTGAGGCCTGGCTGGCTGAGGTTGAAGGCCGGCTCCCAGCACGAGC
GAGCAGGCGCGCCGAGAGCGGACTGTACGACAGCCAGAACCCACCCACAGTCAACAACGCGCCAGG
ACCGTGAGAGCCAGATGGCAGTTACACAGAGGAGCAGAGTCAGGAGAGTGAGATGAAGGTGCTGGCCAC
GGATTTTGACGACGAGTTTGTGATGAGGAGCCCTCCCTGCCATAGGGACGTGCAAAGCTCTCTACACA
TTTGAAGTGCAGAAATGAAGGAACGATTTCCGTAGTTGAAGGAGAAACATTGTATGTCATAGAGGAAGACA
AAGGCGATGGCTGGACCCGCATTCCGAGAAATGAAGATGAAGAGGTTATGTCCCACCTTCATATGTCGA
AGTCTGTTTGGACAAAAATGCCAAAGATTCCTAG
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_015033 unedited

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NNTTGTGCAATTTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGGGGGAGG
AGGAGCCGCCGAGGAGACCCCGGGCGAGGAGCTGCGAGCCGGAGGAGGCCGCGGGACTC
CGGGCTTTCCGCCGTGCGGGGATCTCGGGGGGCAAAGGATCGCCGGGAGGGGGACCA
GAGAGCCGCGCCCGCGCGGAGCGCCCTTTCGCGTCCCCTGCACCATGAGCTGGGGCA
CCGAGCTCTGGGATCAGTTTGACAACCTAGAAAAACACACACAGTGGGGAATTGATATTC
TTGAGAAATATATCAAGTTTGTGAAAGAAAGGACAGAGATTGAACTCAGCTATTCAAAGC
AACTCAGGAATCTTTCAAAGAAGTACCAACCTAAAAAGAAGCTCGAAGGAGGAAGAAGAAT
ACAAGTATACGTATGTAAGCTTTTCATTTCCAACCTGAACGAAATGAATGATTACGCAG
GGCAGCATGAAGTTATCTCCGAGAACATGGCATCACAGATCATTGTGGACTTGGCAGCCT
ATGTTTCAGGAACTGAAACAGGAGAGGAAATCAAACCTTTCACGATGGCCGTAAAGCACAGC
AGCACATCGAGACTTGTGGAAGCAGCTTGAATCTAGTAAAAGGCGATTTGAACGCGATT
GCAAAGAGGCGGACAGGGCGCAGCAGTACTTTGAGAAAATGGACGCTGACATCAATGTCA
CAAAGCGGATGTTGAANAGGCCGACACAAGCTCANATACGTACCAAATGGCAGAGGA
CAGCANAGCAGATTACTCATCCATTCTCCAGAAATCAACCATGAGCAGCATGAATATTA
CCATACTCACATCCNCACATCTTCCAGAAATACAAGAGATGGAGGGAAGGGNNAGATGT
GAGATAGGGNGANATC
    
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Restriction Sites:

NotI-NotI

ACCN:	NM_015033
Insert Size:	2350 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).
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_015033.2 , NP_055848.1
RefSeq Size:	5457 bp
RefSeq ORF:	1854 bp
Locus ID:	23048
UniProt ID:	Q96RU3
Cytogenetics:	9q34.11
Gene Summary:	The protein encoded by this gene is a member of the formin-binding-protein family. The protein contains an N-terminal Fer/Cdc42-interacting protein 4 (CIP4) homology (FCH) domain followed by a coiled-coil domain, a proline-rich motif, a second coiled-coil domain, a Rho family protein-binding domain (RBD), and a C-terminal SH3 domain. This protein binds sorting nexin 2 (SNX2), tankyrase (TNKS), and dynamin; an interaction between this protein and formin has not been demonstrated yet in human. [provided by RefSeq, Jul 2008]