

Product datasheet for **SC310896**

ZBTB7C (NM_001039360) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	ZBTB7C
Synonyms:	APM-1; APM1; ZBTB36; ZNF857C
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>SC310896 representing NM_001039360.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCCAATGACATTGATGAGCTCATTGGCATTCCCTCCCCAACACAGCAGTGAGGTCTGTGCAGC
CTCAATGAGCAACGGCAGGATGGCTGCTGTGACGTGCTCTGGTGGTGACGAGCAGGAGTATCGG
ACCCACCGCTCCGTCCTGGCTGCCTGCAGCAAGTACTTCAAGAAAGCTTTTACAGCCGGCACCCTAGCC
AGCCAGCCCTACGCTATGAGATCGACTTTGTCCAGCCTGAGGCTCTGGCTGCTATCCTGGAGTTCGCC
TACACCTCCACGCTCACCATCACCCTGGCAATGTCAAGCACATCCTCAACGACGCCAGGATGCTGGAG
ATCCAGTGACATCGTGAACGTGTGCTGGAGATCATGGAGCTGGGGGGGACGGGGGGAGGAGGATGAC
AAGGAGGACGATGACGACGACGAAGATGATGATGATGAGGAGGACGAAGAGGAGGAGGAGGAGGAGGAG
GAGGATGACGATGATGACAGGAGGACTTTGCTGACCAAGAAAAGTTCCTGACCCCCAGGACATCAGC
TGCCACCAAGCCCTTCAAGACAGACCATCTCACAGAGAAGGCCTATTAGACACCCCAAGGACTTC
CCTGACTCCTTCCAGGCTGGCAGTCTGGCCATCTGGGGGTGATCCGGGACTTCTCCATCGAATCTCTG
CTAAGGAGAACCTGTACCCCAAGGCCAACATCCCCGACAGGAGACCCTCCTTGTCTCCATTGCCCCG
GACTTCTTTCCACACCTCTGGCCAGGGGACTTCGGTGCCTTTGCCAGCTGCCTGAGCAGCCCATGGAC
AGTGGGCCACTGGATCTGGTCATCAAGAATCGGAAGATCAAGGAGGAGGAGAAGGAGGAGTGCCTCCCA
CCCCACCGCCACCCTTCCCTAATGACTTCTTCAAGGACATGTTCCCTGACCTGCCGGGGGGCCTCTG
GGACCCATCAAGGCGGAGAACGACTACGGTGCCTATCTCAACTTCTGAGTGCCACCCACCTGGGAGGC
CTCTTCCACCCCTGGCCCTGGTAGAAGAGCGCAAGCTGAAGCCCAAGGCCTCTCAGCAGTGCCCATC
TGCCACAAAGTCATCATGGGGGCCGGGAAGCTGCCGCGGCACATGAGGACCCATACCGGGGAGAAGCCA
TACATGTGCACCATCTGCGAGGTCCGCTTACCAGGCAGGACAAGCTGAAAATCCACATGCGGAAGCAC
ACAGGGGAGCGGCCCTACCTGTGCATCCACTGCAACGCCAAGTTCTGTGACAACTACGACCTCAAGAAC
CACATGCGCATCCACACGGGCGTGGCGCCCTACAGTGCAGTTCTGCTACAAGAGCTTACGCGCTCT
GACCACCTGCACCGCCACATCAAGCGCCAGAGCTGCCGCATGGCACGGCCCCGACGCGGCCCAAGCCT
GCTGCGTGGAGGGCCGCCAGCTGCTCTTGGGGCCGGCGGCCGCCGCCGACAAGCGGCCCTTCGTG
ATGCCCCCTGCGCTGGGCGAGGTGGGCGGCCACCTGGGCGGCGCAGCTGTGTGCTCCCGGGCCCCAGC
CCCGCCAAGCACTTCTGGCAGCGCCCAAGGGCGCCCTGAGCCTGCAAGAGCTGGAGCGGCAGTTCGAG
GAGACACAGATGAAGCTGTTGGGCGCGCGCAGCTGGAGGCTGAGAGGAACGCGGGGGGCCCTCTGGCC
TTGCGCTGGCCGAGAAGCTGGCGGCGCGCGCCCTACTTCCGCTGCCGACCCTTGGGCGCGGCC
CTGGCCGGCCTCCCTGGGCTCGCCGGCCTCAACCACGTGGCCTCCATGTCCGAAGCCAACAACAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:

SgfI-MluI

ACCN:

NM_001039360

Insert Size:

1860 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001039360.2</u>
RefSeq Size:	4188 bp
RefSeq ORF:	1860 bp
Locus ID:	201501
UniProt ID:	<u>A1YPR0</u>
Cytogenetics:	18q21.1
MW:	69 kDa
Gene Summary:	May be a tumor suppressor gene.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.