

Product datasheet for **SC106095**

ZC3H13 (BC019000) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZC3H13 (BC019000) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZC3H13
Synonyms:	DKFZp434D1812; FLJ35669; KIAA0853; OTTHUMP00000018357; zinc finger CCCH-type containing 13
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for BC019000, the custom clone sequence may differ by one or more nucleotides

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CTCCTAGCGCCTGGTAGTGTTTTGTTGCCTTTTCTTAATCTACAATCTCTTCGTTATTTTTCTTCCTG
CGACCCAGTTTCGCTTGACCCTGGAGAGCGCGGGCGGGTTGGTTCTGCTTCTCAGCCATCCCGGGGGC
TCCTCGTAGCCAAGAGCCGGTCCCGGGAGCCGCGCGCATCGCTTTCTCCTCGTCGTCGTCCTCCTG
GGTCCAGGCGGGGACAGAGTCGCTCCCGCTCCTCGGAGCGCGGGCGGGTGGTGCCTCCGGACT
GCACTTGCAGGGAGCTTGGGGAGGAATACAAAATGTCAAAAATTAGAAGGAAGTCCAGTGGAAAAT
ACCAAGACTATATCTGATAGCACATCCCGAAGACCCAGTGTATTTGAGAGGCTTGGACCCAGCACTGGCA
GTACAGCAGAGACACAGTCCGTAAGTGGCTGAAGACTGGCAACTGCCTCTATGGAAACACATGTAGATT
CGTACATGGCCCTCACCTCGTGGTAAAGTTATAGCAGCAATTATAGAAGGTCACCAGAAAAGACCTACA
GGGGATCTTAGAGAAAAGAAATGAAGAACAAGCGCAAGACGTGGACTGAGCCCCAGAAAACGAAATACAG
AGGAGTCACTCACCTGTTAGGAAAGAAATCTTCAAGAGGGAGACATAGGGAAAAGGAAAGACATAAAAAAT
CACTAAGGAAAGAACTCCAGAAAGTGAAGAAGAAAATGTAGAATGGGAAACTAATAGAGATGATTCTGAC
AATGGAGATATTAATTATGATTATGTTTCATGAATTGTCTATTGGAAATGAAGCGTCAGAAGATACAGAGGG
AATTAATGAAGCTGGAACAAGAAAACATGGAGAAGAGAGAAGAAATATCATTAAAAAGGAGGTTTACC
AGAAGTGGTTAGATCAAAATTGTCCCGTCACCTTCTCTAAGAAAGTCTAGCAAAATCTCCGAAGCGAAAA
TCAAGCCCCGAAGTCGTCTTCAGCTAGCAAGAAAGATAGGAAGACATCTGCAGTATCTTCTCCCTGTTGG
ACCAGCAGAGAAAATTCAAAAACCAACCAAGTAAAAAGAAAGGACCAGTACTCCTAGTCCACCCCTCC
TATACCAGAAGATATCGCTCTGGGGAAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC019000 unedited GCGGCCGCGAATTCGGCACGAGGGCGGCCTGGTAGTGTTTTTGTTCCTTTTCTTAATCT ACAATCTCTTCGTTATTTTTCTTCTGCGACCCAGTTTCGCTTGACCCTGGAGAGGCGGC GGGCGGTTGGTTCTGCTTCTCAGCCATCCCGGGGCTCCTCGTAGCCAAGAGCCGGTT CCCGGGAGCCGCGCGCATCGCTTCTCCTCGTCGTCGTCCTCCTGGGTCCAGGCGCGG GGACAGAGTCGCCTCCCCGCTCCTCGGAGCGGCGGCGGTGGTGCCTCCGGACTGCA CTTGCGAAGGGAGCTTGGGGAGGAATAGTACAAAATGTCAAAAATTAGAAGGAAGGTCAC AGTGGAAAATACCAAGACTATATCTGATAGCACATCCCGAAGACCCAGTGTATTTGAGAG GCTTGGACCCAGCACTGGCAGTACAGCAGAGACACAGTGCCGTAAGTGGTGAAGACTGG CAACTGCCTCTATGGAACACATGTAGATTCTGACATGGCCCTTACCTCGTGGTAAAGG TTATAGCAGCAATTATAGAAGGTCACCAGAAAGACCTACAGGGGATCTTAGAGAAAGAAT GAAGAACAAGCGCAAGACGTGGACACTGAGCCCCAGAACGAAATCAGGAGGAGTCATCC TCACCTGTAGGAANAGAAATCTTCAAGAGGGAGACATANGGGAAAAGGAAGACATANNA ATCACTAAGGAAAAGAACTCCAGAAGTGAAGAAAGAANATGTAGAATGGGAAACTNATAG AGATGATTCTGACATGGAGATATAANTTGAATTATGGTCATGAATTGTCATTGGAAATG AAGCGTCAGAGATACAGAGGGAATATTGGAGCTGGACAAGAACTGGGAGAAGAGAGAAG AATATCATANAAAGGGAGGGTCACCANAGTA
Restriction Sites:	NotI-NotI
ACCN:	BC019000
Insert Size:	4400 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:	BC019000.1
RefSeq Size:	1172 bp
RefSeq ORF:	1104 bp
Locus ID:	23091
Cytogenetics:	13q14.13
Domains:	zf-CCCH

Gene Summary:

Associated component of the WMM complex, a complex that mediates N6-methyladenosine (m6A) methylation of RNAs, a modification that plays a role in the efficiency of mRNA splicing and RNA processing (PubMed:29507755). Acts as a key regulator of m6A methylation by promoting m6A methylation of mRNAs at the 3' UTR (By similarity). Controls embryonic stem cells (ESCs) pluripotency via its role in m6A methylation (By similarity). In the WMM complex, anchors component of the MACOM subcomplex in the nucleus (By similarity). Also required for bridging WTAP to the RNA-binding component RBM15 (RBM15 or RBM15B) (By similarity). [UniProtKB/Swiss-Prot Function]