

Product datasheet for **SC303301**

ZIC1 (NM_003412) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZIC1 (NM_003412) Human Untagged Clone
Tag: Tag Free
Symbol: ZIC1
Synonyms: BAIDCS; CRS6; ZIC; ZNF201
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_003412 edited
TCCCGATTTTCCCTCCTCGGCTGGCGAGGGTGGGGGGGGGGCGGGGAGGCCGGGGCTCGC
CCCGAGCAGCCACGATGCTCCTGGACGCCGGCCCCAGTACCCAGCGATCGGCGTGACCA
CCTTTGGCGCGTCCCGCCACCACTCCGCGGGCGACGTGGCCGAACGAGAGTGGGCCTGG
GCATCAACCCGTTTCGCCGACGGCATGGGCGCCTTCAAGCTCAACCCAGTTTCGCACGAGC
TGGCTTCGGCCGGCCAGACGGCCTTACGTCGCAGGCGCCAGGCTACGCGGCTGTGCGG
CCCTGGGCCATCACCATCACCGGGCCACGTGGCTCCTATTCCAGCGCAGCCTTCAACT
CCACGCGGGACTTTCTGTTCCGCAACCGGGTTTTGGCGACGCGGGCGGGCAGCCAGCG
CACAGCACAGCCTTTTGTGTCATCGGCCGGGGGCTTCGGGGGCCACACGGCCACACGG
ACGCCGCGGGCCACCTCCTTCCCGGGCTTACGAGCAGGCTGCCGGCCACGCGTCGC
CTAACGTGGTCAACGGGCAGATGAGGCTCGGCTTCTCGGGGACATGTACCCGCGACCGG
AGCAGTACGGCCAGGTGACCAGCCCGCTTCGGAGCACTATGCTGCGCCGAGCTGCACG
GCTACGGGCCATGAACGTGAACATGGCCGCGCATCACGGCGCCGGCGCCTTCTCCGCT
ACATGCGCCAACCCATCAAGCAAGAGCTCATCTGCAAGTGGATCGAGCCCGAGCAGCTGG
CCAACCCCAAAAAGTCGTGCAACAAAATTTTACGACCATGCACGAGCTAGTTACGCACG
TCACCGTGGAGCACGTAGGTGGCCCGGAGCAGAGTAATCACATCTGCTTCTGGGAGGAGT
GTCCGCGGAGGGCAAGCCCTTCAAAGCCAAATACAACTGGTTAACCACATCCGCGTGC
ACACGGGGGAGAAAGCCCTTCCCTGCCCTTCCCTGGCTGTGGCAAGGTCTTCGCGCGT
CCGAGAATTTAAAGATCCACAAAAGGACGCACACAGGGGAGAAGCCCTTCAAGTGGAGT
TTGAGGGCTGTGACCGGCGCTTCGCTAACAGCAGCGACCGCAAGAAGCACATGCACGTGC
ACACGAGCGACAAGCCCTATCTTTGCAAGATGTGCGACAAGTCCACACGCATCCAGTT
CGCTGCGCAAACACATGAAGGTCCACGAATCCTCCTCGCAGGGCTCGCAGCCTTCGCCGG
CCGCCAGCTCTGGCTACGAATCCTCCACGCCTCCACCATCGTGTCTCCCTCCACAGACA
ACCCGACCACAAGCTCCTTATCGCCCTCCTCCTCCGCAGTCCACCACACAGCCGGCCACA
GTGCGCTCTTCCAATTTAAACGAATGGTACGTTTAAAATCAGAAAACAAAACATCGAAC
AAAACCTATTTAAGAGACTGATCACACACGTATACACAACATTACTGAAAGAACCCTGC
GAATCAAAAACAACCC



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Restriction Sites:	Please inquire
ACCN:	NM_003412
Insert Size:	1500 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:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_003412.3.
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_003412.3 , NP_003403.2
RefSeq Size:	5231 bp
RefSeq ORF:	1344 bp
Locus ID:	7545
UniProt ID:	Q15915
Cytogenetics:	3q24
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes a member of the ZIC family of C2H2-type zinc finger proteins. Members of this family are important during development. Aberrant expression of this gene is seen in medulloblastoma, a childhood brain tumor. This gene is closely linked to the gene encoding zinc finger protein of the cerebellum 4, a related family member on chromosome 3. This gene encodes a transcription factor that can bind and transactivate the apolipoprotein E gene. [provided by RefSeq, Jul 2008]