

Product datasheet for **SC302034**

ZNF2 (NM_001017396) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZNF2 (NM_001017396) Human Untagged Clone
Tag: Tag Free
Symbol: ZNF2
Synonyms: A1-5; Zfp661; ZNF661
Vector: pCMV6 series
Fully Sequenced ORF: >NCBI ORF sequence for NM_001017396, the custom clone sequence may differ by one or more nucleotides

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ATGCTGGAGAACTATAACAGCATTGTGTCATTGGGCCCTCCAGTTCCTCAACCTGATGTG
ATTTTCCAATTGAAGAGAGGGGACAAGCCGTGGATGGTAGATCTTCATGGGTCTGAGGAG
AGAGAATGGCCAGAGAGTGTCTCTCTAGACTGGGAACTAAGCCTGAGATTCACGATGCT
TCAGACAAAAATCAGAAGGATCATTGAGGGAATGCCTTGAAGGCAAAGTCCTCTGTGT
CCTAAATTTGAAGTTCATACACCAATGGCAGGATGGGAACAGAAAAGCAAAGCCCTTCA
GGGAGACTCGTAAGAAATCCCTCTCCCGGGACAAAGGCTTGCGGCGACGGTCAGCCCTG
TCCAGGAAATTTCTCACTAAAGAGAGACACCAGGAATGCAGTGACTGTGGGAAGACCTTT
TTTGACCACTCATCCCTACCCGCCATCAGAGGACTCACACTGGGAGAAAGCCCTACGAC
TGCCGCGAGTGTGGGAAAGCCTTCAGCCACAGGAGCAGCCTCAGCAGACATCTGATGTCA
CACACTGGGAGAGCCCTACGAGTGCAGTGTGTGCTCAAAGCCTTCTTTGACCGTTGCG
TCCCTAACTGTCCATCAGCGAATTCACACTGGAGAGAAACCCCTTTCAGTGCAACGAGTGT
GGAAAAGCCTTTTTGACCGTTCATCCCTTACTCGACACCAGAGAATTCACACTGGAGAA
AGTCCCTATGAATGTCATCAGTGTGGGAAAGCCTTTAGCCAGAAAAGTATTCTTACTCGC
CATCAGTAATCCACACTGGCAGGAAGCCTTATGAGTGAACGAGTGGGAAAGCCTTTC
TATGGTGTCTCGTCTCTGAATAGACATCAGAAAGCTCATGCTGGGGACCCTCGCTATCAG
TGTAACGAGTGTGGCAAAGCCTTTCTTTGACCGCTCATCCCTTACACAGCATCAGAAGATC
CACACTGGAGACAAGCCATATGAATGCAGCGAATGCGGAAAGCCTTTAGCCAGCGGTGC
CGGCTCACGCGCATCAGCGTGTCCACACGGGAGAGAAGCCCTTTGAATGCACTGTGTGT
GGGAAAGTTTTAGTTCAAATCTTCTGTTATTCAACATCAACGGCGTTACGCCAAACAG
GGAATAGACTGA
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Restriction Sites: Please inquire
ACCN: NM_001017396
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).



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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:	NM_001017396.1 , NP_001017396.1
RefSeq Size:	3879 bp
RefSeq ORF:	1152 bp
Locus ID:	7549
UniProt ID:	Q9BSG1
Cytogenetics:	2q11.1
Protein Families:	Transcription Factors
Gene Summary:	<p>The protein encoded by this gene belongs to the C2H2-type zinc-finger protein family. The exact function of this gene is not known, however, zinc-finger proteins are known to interact with DNA and function as transcription regulators. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2014]</p> <p>Transcript Variant: This variant (2) lacks an alternate exon in the 5' region and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (b) has a shorter N-terminus than isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>