

## Product datasheet for **SC321292**

### ZNF2 (NM\_021088) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF2 (NM_021088) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF2
Synonyms:	A1-5; Zfp661; ZNF661
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >OriGene sequence for NM\_021088.2  
GCTGACTCGATTCGCTCTCGGTCTTCCCCAGAGCTGGACACGAGGCACCATGATCAGAGA  
GACACATTCCTCGCGACGGCGCTCCCATCGGATACTGGAGGGACGCGACACTAGAGGCA  
GGCAGTACTTCAGGGTGACCATAAGTCTCCAAACAGCCACAACGGCTCGCTCTCCCAGC  
TAAGGCGACAGCGCTGCCATTTTGGATCCTGTTACGCCACGGGAAGCCGGCGTTTGACA  
CATTTTCGGACGTCATATTAAGCGCACCGGACGCCGAGACTTCTGGGAGATGAAGTCTT  
TGCGAAGGCCCCCGCATTGATTGGGAGCGCAGTCGCCAGGACCCTGTGCCGAGCGCGTTG  
GTTTCCCAGCCTGAAGAGGCGCCGTCTTCCCGGGTCCCAGCAGCACTCTGTGCCGGAGGACT  
CTGCCCTTGTCCACAAGGAGAGCACACAGGAGAGAATGGCTGCTGTGTCTCCGACCACCA  
GATGCCAGGAATCAGTGACATTCGAAGACGTTGCCGTGGTTTTTACAGATGAAGAGTGG  
GTCGTCTGGTCCCATACAGAGGACCTCTACAAGGAGGTGATGCTGGAGAACTATAACA  
GCATTGTGTATTGGGCCTTCCAGTTTCTCAACCTGATGTGATTTTCCAATTGAAGAGAG  
GGGACAAGCCGTGGATGGTAGATCTTCATGGGTCTGAGGAGAGAGAATGGCCAGAGAGTG  
TCTCTAGACTGGGAACTAAGCCTGAGATTCACGATGCTTCAGACAAAAAATCAGAAG  
GATCATTGAGGGAATGCCTTGGAAAGCAAAGTCTCTGTGCTCTAAATTTGAAGTTCATA  
CACCCAATGGCAGGATGGAAACAGAAAAGCAAAGCCCTTCAGGGGAGACTCGTAAGAAAT  
CCCTCTCCCGGGACAAAGGCTTGCAGGACGGTACGCCCTGTCCAGGAAATTTCTACTA  
AAGAGAGACACCAGGAATGCAGTGACTGTGGAAAGACCTTTTTTGACCACTCATCCCTCA  
CCCGCCATCAGAGGACTCACACTGGGGAGAAGCCCTACGACTGCCCGAGTGTGGGAAAG  
CCTTCAGCCACAGGAGCAGCCTCAGCAGACATCTGATGTCACACACTGGGGAGAGCCCT  
ACGAGTGCAGTGTGTGCTCAAAAGCCTTCTTTGACCGTTCGTCCCTAACTGTCCATCAGC  
GAATTCACACTGGAGAGAAAACCTTTTTCAGTCAACGAGTGTGGAAAAGCCTTTTTTGACC  
GTTTCCCTTACTCGACACCAGAGAATTCACACTGGAGAAAGTCTTATGAATGTCATC  
AGTGTGGGAAAGCCTTTAGCCAGAAAAGTATTCTTACTGCCATCAGCTAATCCACACTG  
GCAGGAAGCCTTATGAGTGAACGAGTGCAGGAAAGCTTTCTATGGTGTCTCGTCTCTGA  
ATAGACATCAGAAAAGCTCATGCTGGGGACCCTCGCTATCAGTGAACGAGTGTGGCAAAG  
CTTTCTTTGACCGCTCATCCCTTACACAGCATCAGAAGATCCACACTGGAGACAAGCCAC  
ATGAATGCAGCGAATGCGGGAAAGCCTTTAGCCAGCGGTGCCGGCTCACGCGGCATCAGC  
GTGTCCACACGGGAGAGAAGCCCTTTGAATGCACTGTGTGTGGGAAAGTTTTTTCAGTTCAA  
AATCTTCTGTTATTCAACATCAACGGCGTTACGCCAAACAGGGAATAGACTGAGTTGGGC  
AAAAGCTTGGGTAGGACAAGAATTCATACAAATTTGAGATAGATCTCGCCTGTCTTAA  
AGCTGCCATTTGCTCATTCTACCCACTCTGGCTGCCGTTGCTGCTGCTTCTGCGCC  
AGAGTGTTTAATAAGCACTCCCTTCTGCTGTGTTACAGAACTGTAGGGGAGGCCATGGA  
AATGACTCTAAAGATACAAAATTTTGAAGAGGTTTGTGAGACAATAGGATAGATGTTAGG  
AGGAGACACACCTTTGTCTGAGAACCTAGGCCCCAGGTATCACTGCACCTTAAGAACT  
GGAGGCTGCAACAGGAGGAAAGGCAGAATGATATCACAGCAGTACTATTTTTTTTTTTC  
AGAACATTTGTTTTGATGGCTGTAGTCCCCCTCTTTGGAGCATTTTGGGGCACTAATC  
TTGTTCTCTTGTGTCAGCTTTTAGACCTTACTTCCACTGCTAGTAGCTAGCACTTA  
CTGAGCACCTGCAATGAGGTAAGACTCAGCTAAGGGTTTTACAGGAAGTAGATTAATTG  
ATCCTGTACCAACCATATGAAGTAGGCACTGTTACCATCTGCATCTCCAGATGAGCACC  
CTGAGGTTTAGAGAGATTAATCACTTGCCCAAGGTGAACCAGCTGGTAAAAGGTGATGC  
CAGGTCTTGAAGACAGGTCCACCTTCAAATCTATTCTTTTACCATTATGCTCGATGGT  
TTGTTTGTATTAATTTATGTATATGTATTATCCTCTCAACTAGATTGTAAGCACTTGG  
AGGTGTGACTTACAGGTCTTTGTATCTCACACAGTGCCTTGCTAATAGGTGCTCAATAAA  
TATTTATATGAGTGAATGACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_021088

<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_021088.2</a></u> , <u><a href="#">NP_066574.2</a></u>
<b>RefSeq Size:</b>	3951 bp
<b>RefSeq ORF:</b>	1278 bp
<b>Locus ID:</b>	7549
<b>UniProt ID:</b>	<u><a href="#">Q9BSG1</a></u>
<b>Cytogenetics:</b>	2q11.1
<b>Domains:</b>	KRAB, zf-C2H2
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	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] Transcript Variant: This variant (1) encodes 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.