

## Product datasheet for **SC328316**

### ZC4H2 (NM\_001178032) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZC4H2 (NM_001178032) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZC4H2
Synonyms:	HCA127; KIAA1166; MCS; MRXS4; WRWF; WRWFFR; WWS
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001178032, the custom clone sequence may differ by one or more nucleotides ATGGAGAAGATCAAGGCTCGTTTGAAGGCTGAGTTTGAGGCCTTGAGTCAGAGGAAAGG CACCTGAAGGAATACAAGCAGGAGATGGACCTTCTGCTACAGGAGAAGATGGCCCATGTG GAGGAACTCCGACTGATCCACGCTGACATCAATGTGATGGAAAACACTATCAAACAATCT GAGAATGACCTAAACAAGCTGCTAGAGTCTACAAGGAGGCTGCATGATGAGTATAAGCCA CTGAAAGAACATGTGGATGCCCTGCGCATGACTCTGGCCTGCAGAGGCTCCCTGACTTG TGTGAAGAAGAGGAGAAGCTTTCCTTGGATTACTTTGAGAAGCAGAAAGCAGAATGGCAG ACAGAACCTCAGGAGCCCCCATCCCTGAGTCCCTGGCCGCTGCAGCCGCTGCCGCCAA CAGCTCCAAGTGGCTAGGAAGCAGGATACTCGGCAGACGGCCACCTTCAGGCAGCAGCCC CCACCTATGAAGCCTGCTTGTGATGTACCAGCAAATTCACCGAATGCACCTATATGC CCTCTTTGCAAGGCCAAGAGTCGGTCCCGGAACCCAAAAAGCCGAAACGGAAGCAGGAT GAATAA
Restriction Sites:	Please inquire
ACCN:	NM_001178032
Insert Size:	2974 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.



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<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>NM_001178032.1, NP_001171503.1</u>
<b>RefSeq Size:</b>	2974 bp
<b>RefSeq ORF:</b>	606 bp
<b>Locus ID:</b>	55906
<b>UniProt ID:</b>	<u>Q9NQZ6</u>
<b>Cytogenetics:</b>	Xq11.2
<b>Gene Summary:</b>	<p>This gene encodes a member of the zinc finger domain-containing protein family. This family member has a C-terminal zinc finger domain that is characterized by four cysteine residues and two histidine residues, and it also includes a coiled-coil region. This protein has been detected as an autoantigen in hepatocellular carcinoma patients. This gene has been identified as a potential candidate for X-linked cognitive disability. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2011]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and uses a downstream in-frame start codon, compared to variant 1. The encoded isoform (2) has a distinct N-terminus and is shorter than isoform 1. Both variants 2 and 4 encode the same isoform.</p>