

Product datasheet for **SC321514**

ZC4H2 (NM_018684) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZC4H2 (NM_018684) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZC4H2
Synonyms:	HCA127; KIAA1166; MCS; MRXS4; WRWF; WRWFFR; WWS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_018684.1
 CAGGCTCATAGCCCAAGCCCGGAGGAGGTGGCTACATTGTGTCTATTGTATCCCTTGGC
 TGGTGTATTTGTACATCTCTCGGGACGTGAAATTGACAGTGAAAAGTATGGCAGATGAGC
 AAGAAATCATGTGCAAATTGAAAGCATTAAAGAGATCAGGAACAAGACCCTGCAGATGG
 AGAAGATCAAGGCTCGTTTGAAGGCTGAGTTTGGGCACTTGAGTCAGAGGAAAGGCACC
 TGAAGGAATACAAGCAGGAGATGGACCTTCTGCTACAGGAGAAGATGGCCCATGTGGAGG
 AACTCCGACTGATCCACGCTGACATCAATGTGATGGAAAACACTATCAAACAATCTGAGA
 ATGACCTAAACAAGCTGCTAGAGTCTACAAGGAGGCTGCATGATGAGTATAAGCCACTGA
 AAGAACATGTGGATGCCCTGCGCATGACTCTGGGCCTGCAGAGGCTCCCTGACTTGTGTG
 AAGAAGAGGAGAAGCTTTCCTTGGATTACTTTGAGAAGCAGAAAGCAGAAATGGCAGACAG
 AACCTCAGGAGCCCCCATCCCTGAGTCCCTGGCCGCTGCAGCCGCTGCCGCCAACAGC
 TCCAAGTGGCTAGGAAGCAGGATACTCGGCAGACGGCCACCTTCAGGCAGCAGCCCCAC
 CTATGAAGGCTGCTTGTATGTCACCAGCAAATTCACCGGAATGCACCTATATGCCCTC
 TTTGCAAGGCCAAGAGTCGGTCCCGGAACCCAAAAAGCCGAAACGGAAGCAGGATGAAT
 AAAGAAAGGGAGAGCACATGAAGCTTTGCTAATTATAACCCCTCACCTTGACCAGAGTCA
 TTGATGTCTGATGTGAAACAACCTTGCCCAACCCACGAAAGTCTCTATTTAATGTGA
 TGAAGACAACCCCTCTCTCACTTTGCTCCTATTTCTTCTGCTCTTGGGATTTCTGGT
 TTAGGAAGAGATGTGGTTCAGGTGCTAAACAGTGTGTCTGATGATCCCTTCTCTCCACT
 CACATTTCAACCCCTGCCCTTGTGGAGCTAAGGGAAGGGCAAAGGCTCAGATATGAT
 TCTCTATCTTTGTGCCTGAGGCTGGAGCCTAAGGAGCTGTAGGGTCTGAGGGGCAGGG
 GAGGCCATATCTGTTTCAGGTAAGGACCCAGTATTTCCCTCCTTGTACTTTTGCT
 TAGGTTCTCAAGGACAATAGTCTTTCATGTTGGATTCTCCAACAGGCTGGGTGCATGTAT
 CCCCCTACTCCTACCCTCATCTCATCCTTAAGGCCAGAGGTAGCTTGGACAAGCCCTCC
 TTTTCATAATCATTTGGGAGGCATGGCTGTAATTCTTTAGCTTTCTCCACTTCTGTCTCC
 CACATATACTAAAATTCTTAGGTACTAGGCTGTGTCTTGGGATCTTAAGATCAATGAA
 CCTTTCCCAATATCTAGTCTTTGCAAATTCTAGTAGAAGATTTCCACAGTGAAATCAGT
 GAGCCAGACCACTCTACATCTCCTGCCTAACCTACTGCCTAAGTCATTAGGGCTGAGGG
 CTCGGCTGTAGGGGCTTCCCTTAGGCTGAGAGTGCCCCAGGCTGACATCTGTGTTGGCTT
 TTGTTCAGAACCACTACTCTGGCACATGCTCAATGGTATATTGCAGGGAGGAGAGGAGTA
 GATTTAGATTTGAGTAAATGCCAATCACTTTACACATGAAGGTGGGTGGGACTTTCCTTC
 CATTTCATCCCTTGTCTCTTGGATCTGAACTCTTCTGGAGCCTCAGCTCAGGATAGCTGC
 TGGCCACTCCTGTCTGTGGATTGTGCAGGTGGCCTTTCTCCCAAAAGAAAAGGCATCA
 GGCTCCCAAGCCCCACAGCTCTCCTTTCCACCAAGCCAGGTTTCTGGTAAGGTCACT
 CGAAGATAAGGGATGGGGATGGGGGCTGACTGACAAAAAATTTAGCCCCAGGTCTCAGT
 ACCTGGCTGGGGAGGGGATATTTTCTTCTTAAGTAGTTTTACATTGCCACAGTGTG
 TATGTGTTCACTATATAAAATGTTCTCTGCTCTTTGAAAGTAAGAGTGTGTGTCTGTA
 CAAATCCTTTAACATGCATTATTGGAGTAAATCTGAGTATCTACTGTGATTGGATA
 ATACAAAAGATGTAATGTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_018684

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.

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:	<u>NM_018684.1</u> , <u>NP_061154.1</u>
RefSeq Size:	2189 bp
RefSeq ORF:	675 bp
Locus ID:	55906
UniProt ID:	<u>Q9NQZ6</u>
Cytogenetics:	Xq11.2
Gene Summary:	<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 (1) encodes the longest isoform (1).</p>