

Product datasheet for **RC202589**

ZC4H2 (NM_018684) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZC4H2 (NM_018684) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZC4H2
Synonyms:	HCA127; KIAA1166; MCS; MRXS4; WRWF; WRWFFR; WWS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC202589 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**

ATGGCAGATGAGCAAGAAATCATGTGCAAATTGGAAAGCATTAAAGAGATCAGGAACAAGACCCTGCAGATGGAGAAGATCAAGGCTCGTTTGAAGGCTGAGTTTGAGGCACTTGAGTCAGAGGAAAGGCACCTGAAGGATACAAGCAGGAGATGGACCTTCTGCTACAGGAGAAGATGGCCCATGTGGAGGAACCTCGACTGATCCACGCTGACATCAATGTGATGAAAAACTATCAAACAATCTGAGAATGACCTAAACAAGCTGCTAGAGTCTACAAGGAGCTGCATGATGAGTATAAGCCACTGAAAGAACATGTGGATGCCCTGCGCATGACTCTGGGCCTGCAGAGGCTCCCTGACTTGTGTGAAGAAGAGGAGAAGCTTTCCTTGGATTACTTTGAGAAGCAGAAAGCAGAATGGCAGACAGAACCTCAGGAGCCCCCATCCCTGAGTCCCTGGCCGCTGCAGCCGCTGCCGCCAACAGCTCCAAGTGGCTAGGAAGCAGGATACTCGGCAGACGGCCACCTTCAGGCAGCAGCCCCACCTATGAAAGCCTGCTTGTCATGTCACCAGCAAATTCACCGGAATGCACCTATATGCCCTCTTTGCAAGGCCAAGAGTCGGTCCCGGAACCCAAAAAGCCGAAACGGAAGCAGGATGAA

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_018684.4](#)

RefSeq Size: 2812 bp

RefSeq ORF: 675 bp

Locus ID: 55906

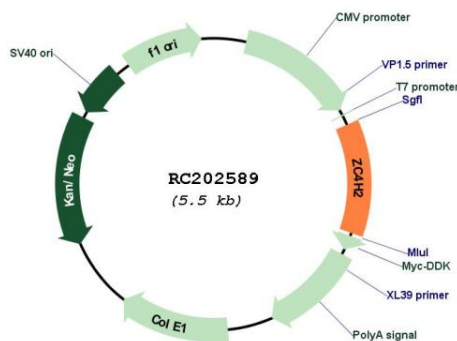
UniProt ID: [Q9NQZ6](#)

Cytogenetics: Xq11.2

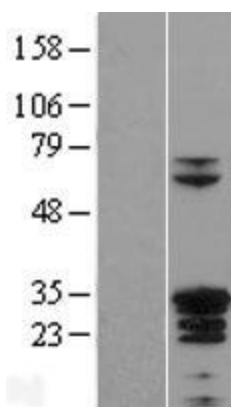
MW: 26.2 kDa

Gene Summary: 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]

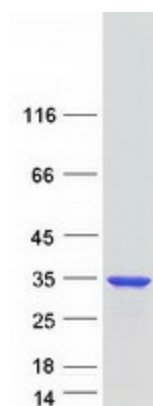
Product images:



Circular map for RC202589



Western blot validation of overexpression lysate (Cat# [LY412985]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC202589 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified ZC4H2 protein (Cat# [TP302589]). The protein was produced from HEK293T cells transfected with ZC4H2 cDNA clone (Cat# RC202589) using MegaTran 2.0 (Cat# [TT210002]).