

Product datasheet for **SC100728**

WWC3 (NM_015691) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WWC3 (NM_015691) Human Untagged Clone
Tag:	Tag Free
Symbol:	WWC3
Synonyms:	BM042
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_015691, the custom clone sequence may differ by one or more nucleotides

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ATGGACCACATAAATAAACTTACCCAGATTGAGGATCCAAGAGAACAGTGGAGGCGAGAGCAAGAGCGCA
TGTTGAAGGAATATTTAATTGTAGCTCAGGAGGCTCTCAATGCCAAGAAAGAAATCTACCAGATTAAGCA
GCAGCGGTTTCGAGCTGGCCAGGAGGAATACCAGCAGCTGCACAAAATGTGTGAGGATGACAGCCGCTCG
TACGCCAGCTCATTCTCTGGATATTCAACAAAATACAAAGTATGACCCACACCAAATTAAGCAGAAATAG
CAAGTCGTCGGGATAGGCTTTCCAGATTAACGAGAGCTGACCCAGATGAAGCAGGAAGTGCAGTACAA
AGAAAAGGGGGTGGAGACCCTGCAAGAGATTGATCGGAAGATGTCAAGTACTCACACCAGCTACAACTG
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GGCGGGACCTGATGCATAGCCTGGCCAAGCTGACCGATAGCTTCAAGAACAGCTGCTCCGTTACCGACTC
TCTAGTGGACTTCCCTCACCATGTAGGCGTGCCTGGCGATGCTGGTGTACCCAGCAGTTCTGCGATGCC
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TTAATTGGCAATATGAAGAAGCCAGAAAGAGAGTCGCCAACATCCAGCAGCAGCTGGCCCGGCTTGACAA
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TGCGGGCCCTTACGCCACACGGGTCCCGGGGATGGGAAGGGCCGACGAGCGAGGACCCACCAGC

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CAGCGCTCCCGTGGGTGGAACAGTGACTCTTCGAGAAGACAGTGCCAAGAGGTTGGAGAGGAGGGCACGC
 CGCATCTCCGCATGTCTGTCTGGATTATTCGCTAGCCAGCGACAGTGGGGTGTGTTGAACCTTAACCAAAA
 GGAACGAAGATGCCGAGGAGCCTGCCTACGGAGACACGGCCAGTAACGGAGATCCCAGATCCACGTGGG
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 GCAGACAAGACAGACAAACTTGACTACCGTATGAGCAGGCGGCTGAGAAGATGCTGAAGAAGGCCCTCC
 AAGGAGATCTACCAGCTGCGTGGCAGAGCCACAAGAGCCCATCAAGTGCAGACCTTTAGGGAGAAGA
 TAGCATTCTTCAAGGCCAAGGATCAACATACCTCCTCTCCAGCCGACGACGTCTGA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_015691 unedited
 GAATTCGGCACGAGGCCAGATGAAGCAGGAAGTGCAGTACAAAGAAAGGGGTGGAGAC
 CCTGCAAGAGATTGATCGAAGATGTCAAGTACTCACACCAGCTACAAACTGGATGAGGC
 GCAGGCTATCATGAGTGAGTCCGGACCATCAAGAAGGCCATTTGCACAGGCGAGAAGGA
 GAGGCGGACCTGATGCATAGCCTGGCCAAGTACCGATAGCTTCAAGAACAGCTGCTC
 CGTTACCGACTCTCTAGTGGACTTCCCTCACCATGTAGGCGTGCCTGGCGATGCTGGTGT
 ACCCCAGCAGTTCTGCGATGCCGGCTCCCAGACTGATATCATCGGGGAGTTTGTCTTTGA
 TGATAAAACAAGACTTGTAGACCGAGTCAGACTTAATTGGCAATATGAAGAAGCCAGAAA
 GAGAGTCGCCAACATCCAGCAGCAGCTGGCCCGGCTTGACAAATGAGTCTGGCCAAGCAC
 GGCCGAGGCTGACAGGGACCGGCTGCAGCTCATCAAGGAGAAGGAGGCCCTGCTGCAGGA
 GCTTCAGCTCATATTGCACAGCGCCGCTCTGCGGGAGATGTGGCCCGGCTGGAGGAGGA
 GCGGGAGCGCCTAAGGAGGAGCTGCGGCGTGCACGGGCCACCTCCGCACAGGGCGCCACG
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 CTTAACATCCTACCTNNCAGTCCAGTAAAAAGCCTGTGTGCCAGCCCCTGNACGGTGTCT
 CTGCGGGAGCAGCCGCGGGTCCCTACCTNCAGCCGTGGGGTCTCTGCCCTCAGCGGGGCT
 CCCTGAGCTCGTCAGCTTACGGACTCTACGGNCTNCG

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_015691 unedited TGCCCGGATTACTATGNACCGCGCGCTTACTANGATCGNGTTTTTTTTTTTTTTTTTTTAA CAAAATGTGTATATTAATAGCTTTGCACAAATATTTAAAGACAAATTCAGCTAGTCTAA GAACCTTCATGAAAATAAAACAGGTGGATAAATACTTCATGTGCACAATGCACTCCATCAG ACGTCGTCGGCTGGGAGAGGAGGTATGTTGATCCTTGGCCTTGTGAAGAATGCTATCTTC TCCCTAAAGTCTGCACCTGGATGGGCTCTTTGTGGCTCTGCCACGCAGCTGGTAGATC TCCTTGGAGGCCTTCTTCAGCATCTTCTCAGCCGCCTGCTCATGACGGTAGTCAAGTTTG GTCTGTCTTGTCTGCCGCTCGGCCTCCCGCAGCAGGCCACGGAGCCGCTCGTCCCGAAGC ACCCAGGGTGGGAGGTACGTCTGGCCACGGAGCTGGGCGTCTCCAACCGCTGCCGACG TCACGGAGGGCGCAGAGCTCCTCATTACAGCTGCCTCTGCCGTGTTCTCGACGCCTGGAGA TCCAGCTCCAAGTCCAGGGAGGTGCGGGCCATGAGCTCAGCCAGGGAAGACCTGCATGAC TGCTTATAGCGAAGGGTTCGTCTTTCAAAGTATTTCCGACAAAGGGGGACTTCCGGGGC AGCGTTGAACTGTCGCTGCTACTACGATAAAGTCTGCAAACATACTGGCTTCGTGCTCCA AGCGAGAAATGTCTGGGAACGGACAATCGTGCCACTCCGAACAAAAGGCGACCCTCGGGCC CGGCGGCTGGGCCGCTCCTTACGAAGCTGGCTGCTTCTCCAGAAAGAGACTTCCGGGT TGGTTCCTTATCAACCTTTAAAGG
Restriction Sites:	NotI-NotI
ACCN:	NM_015691
Insert Size:	3500 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).
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_015691.1</u> , <u>NP_056506.1</u>
RefSeq Size:	6463 bp
RefSeq ORF:	2889 bp
Locus ID:	55841
UniProt ID:	<u>Q9ULE0</u>
Cytogenetics:	Xp22.2

Gene Summary:

This gene encodes a member of the WWC family of proteins, which also includes the WWC1 (KIBRA) gene product and the WWC2 gene product. The protein encoded by this gene includes a C2 domain, which is known to mediate homodimerization in the related WWC1 gene product. [provided by RefSeq, Sep 2011]