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Product datasheet for SC318543

WWC2 (NM_024949) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WWC2 (NM_024949) Human Untagged Clone
Tag:	Tag Free
Symbol:	WWC2
Synonyms:	BOMB
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>SC318543 representing NM_024949.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCTAGGAGGGCCGGGAGCGGTCAGCTGCCGCTGCCCCGGGGCTGGGAGGAGGCCAGGGACTACGAC
GGCAAGGTCTTCTACATTGACCACAACACCAGGAGGACCAGCTGGATCGACCCCCGGGACAGGTTAACG
AAGCCCTTGTCATTTGCTGATTGTGTTGGGGATGAGCTGCCGTGGGGATGGGAAGCAGGGTTTGACCCT
CAGATTGGTGTCTACTACATCGATCACATCAACAAAACCACGCAGATAGAAGATCCAAGAAAACAATGG
AGGGGGGAACAGGAGAAGATGCTCAAGGACTACCTCTCTGTGGCACAGGATGCCCTCCGGACACAGAAG
GAACTGTACCATGTGAAGGAGCAGAGGCTGGCGCTGGCCCTGGATGAATACGTGCGATTAAATGATGCC
TATAAGGAAAAGTCAAGTTCTCACACAAGCTTATTCTCAGGATCTTCATCCAGTACTAAATATGATCCC
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GGAGGCCAGAGCGGGTATGAACTCAGTGAAGCCAAAGCCATTCTAACAGAACTAAAATCTATCAGAAAG
GCAATTAGCTCAGGAGAAAAAGAAAAACAAGATCTGATGCAGAGTCTTGCTAAGCTGCAGGAGCGGTTT
CATTTGGATCAGAACATTGGCAGATCTGAGCCAGATTTGAGATGTAGTCCTGTGAACTCTCATTTATGT
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TATAAACTGGACTTCCTTCTGCAAGAGAAAAGCGGTTACATTCCTTCTGGACCCATCACCACCATCCAT

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GAAAACGAGGTGGTCAAGTCCCCTAGCCAGCCTGGCCAGAGTGGACTCTGTGGAGTGGCAGCTGCAGCA
ACAGGCCACACTCCTCCACTGGCTGAGGCCCCGAAGTCTGTGGCCTCCCTGTCCTCGAGGTCCTCCCTT
TCCTCCTTGTCTCCTCCAGGCTCTCCCTTGGTTTTGGAAGGCACGTTTCCCATGTCTTCTTCTCATGAT
GCCTCTCTCCATCAGTTCACTGCTGACTTTGAAGACTGTGAGTTGAGTAGCCATTTTGCAGATATCAGC
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GAAGAGGATGTAGCCATTGTAGAGACCGCCCAGGTTCAGATAGGACTCAGATACAATGCAAAAAGTTCA
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CCCACAGAATCCATTTTATTCAATGATGTGTTCAGAGTCGCCATTTCCCAAACAGCCTTACAACAGAAG
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ATGCTAAGAGAGGCCTCTGATGAAATTGTGGCTGAAAAAGAGGCTGAAGTTAAATTGCCAGAGGACAGT
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CAGCATCCGTTTGTGAGGAGCAGTGTGATAGTGCGCTCACAGACCTTTTCTCCAGGAGAGCGGAACCAG
TACATCTGCAGGTTAAATCGGAGTGACAGTGACAGTTCAACCCTGGCTAAAAAATCACTGTTTGTGAGA
AACTCCACCGAACGCCGCAGTTTGAGGGTCAAAAGGACGGTTTGCCAGTCAGTCCTTAGAAGAACAACA
CAGGAATGCCCAGTGCGGACATCTCTAGACTTAGAACTGGACCTTCAGGCATCTCTGACCCGGCAGAGC
CGCCTCAATGATGAGCTGCAGGCGCTGAGGGACTTGCGGCAGAAGCTGGAGGAACTGAAAGCTCAGGGA
GAGACTGACCTTCCACCAGGCGTGCTGGAGGATGAGAGGTTCCAGAGGCTTCTGAAGCAAGCTGAGAAG
CAGGCTGAACAGTCCAAAGAAGAGCAGAAGCAAGGTCTGAATGCAGAGAAGTTGATGAGGCAAGTCTCC
AAGGACGTGTGTCGGCTCCGGGAGCAGAGCCAGAAGGTGCCTCGGCAGGTGCAGTCCTTCAGGGAGAAG
ATTGCCTACTTCACCAGAGCAAAGATAAGCATCCCATCCCTGCCAGCTGATGATGTGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_024949
Insert Size:	3579 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.
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:	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:	NM_024949.5
RefSeq Size:	8822 bp
RefSeq ORF:	3579 bp
Locus ID:	80014
UniProt ID:	Q6AWC2
Cytogenetics:	4q35.1
MW:	133.9 kDa
Gene Summary:	This gene encodes a member of the WW-and-C2-domain-containing family of proteins. Members of this family have two N-terminal WW domains that mediate binding to target proteins harboring L/PPxY motifs, an internal C2 domain for membrane association, and C-terminal alpha protein kinase C binding sites and class III PDZ domain-interaction motifs. Proteins of this family are able to form homo- and heterodimers and to modulate hippo pathway signaling. [provided by RefSeq, Sep 2016]