

Product datasheet for **MC220895**

Wwc1 (BC037006) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wwc1 (BC037006) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Wwc1
Synonyms:	MGC47054, mKIAA0869, RP23-196B5.5, Kibra
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >BC037006
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGTCCCTGTCTTCAGGCAGTAGCCCTGGGTCACTCACCTCCAGCCGGGGCTCCCTGGCCGCCTCTA
 GCCTGGACTCCTCCACCTCAGCCAGCTTCACTGACCTCTATTATGACCCGTTTCGAGCAGTTGGACTCGGA
 GCTCCAGAGCAAGGTGGAGCTGTCTTCTGGAGGGTGCCACGGGCTTCCGGCCCTCAGGCTGCATCACC
 ACCATCCACGAGGATGAGGTGGCCAAGACCAGAAGGCAGAGGGAGGCAGCCGCCTGCAGGCCCTGCGCT
 CCCTATCTGGCACTCCAAGGTCCATGACCTCCCTGTCTCCAGCTCATCTCTCTCCATCCCTCC
 CTGTTCCCTCTCATCACTGATCCCTCCTGACTGGAGATGCCTTCTGGCCCGCTGGAGTTTGAAGAC
 ACAGAGCTGAGTACCCTCTCTGTGAGCTGAACCTCGGCGGTAGCGGCACCCAGGAAAGATACCGGCTGG
 AGGAACCAGGACCTGAGGGCAAGCCACTGGCCAAGCTGCAAGTGTGGCCCAAGGATGTGGCCTCAAAGT
 AGCCTGTGTGTCGCTGCAGTGTCCGACGAGTCACTAGCCGGGGACAGTGGCGTGTATGAGGCTTCAGCA
 CAGAGACCAGGTAATCTGAAGCTGCCGATTCGACAGTGAATCGGAAGCTGTGGGTGCCACTCGGG
 TTCAGATTGCCCTGAAATATGATGAGAAGAATAAGCAATTTGCAATATTATCATTACAGTGTGAGTACCT
 CTCTGCTGTCACTACAACAAGACCAGAAAGTGAACATCCGTGTAGCCATCCTGCCTTGTCTGAAAGC
 AGCACCTGCTTGTTCAGAACCCGGCCTCTGGACTCGGCAATACCTCGTGTCAATGAGGCATTCTGGG
 TGTCCATCTCCTACCCAGCCCTTACCAAAAGACCTTACGAGTCGATGTCTGCACCACTGACAGGAGCCA
 TACAGAGGAGTGTCTGGGAGGTGCCAGATCAGCCTGGCCGAGGTCTGCCGGTCTGGGGAGAGGTCAACG
 CGCTGGTACAATCTCCTGAGCTACAAACTTGAAGAAGCAGTGCAGGGAGCCCCAGCCAACAGAAGCTC
 CAGGGCCAGACCATGTGGACGCTGTGTCTGCCTTGTCTGTAAGACAGACGCCGTGGAGTGAAGAAGGCA
 GGAGGGAAGAAGCAGCTCCAGACGCTGGAGGGCAGCTGGACGTACGAGGAAGAGGCCAGCGAGAATGAG
 GCAGTCGCTGAGGAGGAAGAGGAGGAGGAGGAAGATGTCTTCACTGAAAAGGTCTCTCCCGAGGCAGAGG
 AGTGGCCAGCATTAAGGTGGACAGAGAGACCAATACTGACAGCGTGGCCCATCCCCACAGTGGTGGC
 CCCTAAGGACCGGAGGTTGGTGGCCCGTGCAGAGGCCATTTCTTCGAGGGAATACCATCATCCGCTCC
 AAGACCTTCTCGCTGGACCCAGAGCCAGTATGTGTGTCGGCTAAACCGCAGTGCAGTGTATGTTCTA
 CGCTGTCCAAGAAGCCACCTTTTGTGCGAACTCCCTGGAGCGGCGCAGCGTCAGGATGAAGCGGCCTC
 CTCGTCAGTCCCTGCGCACAGAGCGTCTGATCCGACCTCGCTGGACCTAGAAGTGCAGCTGCAGGCC
 ACGAGGACCTGGCACAGCCAGCTGACTCAGGAGATCTCAGTGTGAAGGAGCTGAAGGAGCATTGGAGC
 AAGCCAAGAACCACGGGAGAAGGAGCTGCCACAGTGGCTGCGTGAAGACGAGCGCTCCGCTTGTCTACT
 GAGGATGTGGAGAAGAAGGTGGATCGTGGGGAGCACAAGAGTGAAGTGAAGCCGACAAGATGATGAGA
 GCTGCTGCCAAGGATGTGCACAGGCTTCGAGGCCAGAGCTGAAGGAGCCCCAGAAGTGCAGTCTTTCA
 GGGAGAAAATGGCATTTCACCCGGCCTCGGATGAACATCCCAGCTCTCTGTCAGATGACGTCTAA

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC037006

Insert Size: 2028 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:

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: [BC037006](#), [AAH37006](#)

RefSeq Size: 2583 bp

RefSeq ORF: 2027 bp

Locus ID: 211652

Cytogenetics: 11 A4

Gene Summary: Probable regulator of the Hippo/SWH (Sav/Wts/Hpo) signaling pathway, a signaling pathway that plays a pivotal role in tumor suppression by restricting proliferation and promoting apoptosis. Along with NF2 can synergistically induce the phosphorylation of LATS1 and LATS2 and can probably function in the regulation of the Hippo/SWH (Sav/Wts/Hpo) signaling pathway. Acts as a transcriptional coactivator of ESR1 which plays an essential role in DYNLL1-mediated ESR1 transactivation. Regulates collagen-stimulated activation of the ERK/MAPK cascade. Modulates directional migration of podocytes. Acts as a substrate for PRKCZ and may be associated with memory performance (By similarity). Regulates collagen-stimulated activation of the ERK/MAPK cascade.[UniProtKB/Swiss-Prot Function]