

## Product datasheet for **MC220875**

### Wwp1 (BC026829) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Wwp1 (BC026829) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Wwp1
Synonyms:	AIP5, SDRP1, Tiul1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC026829  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGGACGAGCAGCTGATTGTAATGTGACCCACAGACCACCTTGGAGTCCGAGTTTGGAGTACCAC  
 ACTTTAAAGGCAGATGCTCTATTAGGAAAAGCAACAGTGGACTTGAAACAAGTGCTGTTAACACACAACA  
 GAAAATGTTGCCTGTTGAAGTACTATTGGAATTGATAATCATGTATCAACCAACTACTGTTGTTCCCAAC  
 TCCTGCTGTTACATGTAGTTAATGGAGAAAACACACCTTCATCCCCGTCTCAGGTTGCTGCCAGACCCA  
 AAAATGCTCCAGCTCAAAGCCAGTCACATCTGCGCCACCAGTGACACGGTTAATGGAGAATCATCATC  
 TGTCTAGCTGATAACTTCAACCATGGGTACTTTACTACCATCTGAAGATACCACCTCGACTTCCAAT  
 TGCCTAGCACCACCACCAAGAGCCTCTGTACAAGAACCCCGAGCATCCTCAGAACACAGTGAATGTA  
 TTCCCTCTGCCAGTGCAGGAGTGGGACCAGAAGCTCGGAGCCTCATAGACCCTGACTCTGATTCTAGAAA  
 TAATTCTGTGTTGACAAAGTAAGGCAGCCAGAAGGGTGTGTAGAACCTCTGCGGCCACAGTCTGGAAC  
 ACCAACACAGAAGCTTTGCCATCAGGGTGGGAACAGAGAAAAGATCCTCATGGTAGAACCTATTATGTGG  
 ATCATAACTCGAACTACTACATGGGAGAGACCACAGCCTTGCCTCCAGGTTGGGAAAGAAGAGTTGA  
 TGATCGTGGAAAGAGTTTATTATGTGGATCATAACACCAGAAACAACACCTGGCAGCGCCTACTATGGAA  
 TCTGTTGCAAAATTTGAACAGTGGCAGTCTCAGCGGAATCAATTGCGAGGAGCTATGCAACAATCAACC  
 AACGATACCTCTATTGCGCTTCCATGTTAGCTGCAGAAAATGACCCCTATGGACCCTTACCACGGGCTG  
 GGAAAAAGAGTGGATCAACAGACAGAGTTTACTTTGTGAATCAACAACAAAAACAACCCAGTGGGAA  
 GATCCAAGAACTCAAGGCTTACCAATGAAGAACCCTGCCCGAAGGCTGGGAAATCAGGTATACTCGGG  
 AAGGTGTTAGTACTTTGTTGATCATAACACGAGAACAACAACATTCAAAGACCCTCGCAATGGGAAGTC  
 ATCAGTAACTAAAGGTGGTCCACAGATTGCTTATGAACGCAGCTTTAGGTGGAAGCTTGCTCACTCCGT  
 TACTTGTGCCAGTCTAATGCACTACCGAGTCATGTAAAGATCAATGTGTCCCGACAGACATTATTTGAAG  
 ATTCCTTCCAACAGATTATGGCATTAAAACCATATGACTTGAGGAGGCGATTATATGTAATATTTAGAGG  
 AGAAGAAGGTCTTGATTATGGTGGCCTTGAAGAGAATGGTTTTTCTTGCTTTCCCATGAAGTTTGAAC  
 CCAATGTATTGCTTATTTGAGTATGCAGGCAAGAATAACTATTGTTTACAGATAAATCCAGCATCAACTA  
 TAAATCCTGACCATCTTTCATACTTCTGTTTTATTGGTCGCTTTATTGCAATGGCACTGTCCATGGAAA  
 GTTTTATTGATACTGGTTTCTTTACCATTCTACAAGCGTATGCTAAGTAAAAAATTTACTATTAAGGAT  
 TTGGAATCTATTGATACTGAATTTTACAACCTCTAATCTGGATAAGAGATAACAATATTGAAGAATGTG  
 GCTTAGAAATGACTTTTCTGTAGACATGGAGATTCTGGGAAAAGTTACTTCACATGATTTAAAGTTGGG  
 AGGTTCCAATATCCTGGTGACGGAAGAAAACAAGATGAATATATTGGTTAATGACAGAATGGCGTTTT  
 TCTCGAGGAGTACAAGAACAGACCAAAGCTTCCCTTGATGGGTTAATGAAGTTGTTCCCTTCACTGGC  
 TACAGTACTTTGATGAAAAAGAAATTGGAGGTTATGCTGTGTGGCATGCAAGAGGTTGACTTGGCAGACTG  
 GCAGAGAAATACTGTTTATCGACATTATAACAAGAAACAGCAAGCAAAATTTGGTTTTGGCAGTTTGTG  
 AAAGAGACTGATAATGAAGTACGAATGCGACTCTTGCAGTTTGTGACTGGAACCTGTGCTTGCCTCTAG  
 GAGGATTTGCTGAGCTCATGGGAAGTAAATGGCCCTCAAAGTTCTGTATTGAAAAAGTTGGCAAAGACAC  
 CTGGTTACCAAGAAGCCATACATGTTTTAATCGCTTGGATCTACCACCATATAAGAGTTATGAACAACATA  
 AAGGAAAAACTTCTTTTTGCAATAGAAGAGACAGAGGGATTTGGACAAGAATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI  
 ACCN: BC026829  
 Insert Size: 2364 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC026829</a> , <a href="#">AAH26829</a>
<b>RefSeq Size:</b>	3107 bp
<b>RefSeq ORF:</b>	2363 bp
<b>Locus ID:</b>	107568
<b>Cytogenetics:</b>	4 A3
<b>Gene Summary:</b>	E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Ubiquitinates and promotes degradation of SMAD2 in response to TGF-beta signaling, which requires interaction with TGIF (By similarity). Ubiquitinates ERBB4 isoforms JM-A CYT-1 and JM-B CYT-1, KLF2, KLF5 and TP63 and promotes their proteasomal degradation. Ubiquitinates RNF11 without targeting it for degradation. Ubiquitinates and promotes degradation of TGFBR1; the ubiquitination is enhanced by SMAD7. Ubiquitinates SMAD6 and SMAD7. [UniProtKB/Swiss-Prot Function]