

Product datasheet for **MC222603**

Wwp1 (NM_177327) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wwp1 (NM_177327) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Wwp1
Synonyms:	8030445B08Rik; AIP5; SDRP1; Tiul1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC222603 representing NM_177327
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCACTGCTTACCAAGATCTGACACTAGTGATATCCACAGTGAAGGTTACAGTTAAAGGTAAACGG
 TTTCTAGTGCCAACTAAAAAGAAAAAGAACTGGTTTGAACAGCAATATATACTGAAGTCATTGTAGA
 TGGAGAAGTTAAGAAAACAGCAAAATCCAGTAGTTCCTCTAATCCAAAATGGGACGAGCAGCTGATTGTA
 AATGTGACCCACAGACCACCTTGGAGTTCAGGTTGGAGTACCACACTTTAAAGGCAGATGCTCTAT
 TAGGAAAAGCAACAGTGGACTTGAACAAGTGCTGTTAACACACAACAGAAAATTAGAAAAAGTAAAGA
 ACAATTAACCTTTCCTTGGAAAACAAGAAATGGAATAGTGCAACTGGGAACTGACAGTTGCTCTGAT
 GGATTAGTGATTGAGCAAGAGCCTGTAACAAACCGCAGCTCCTGCCACCCATAGAAATTCAGCAAAATG
 GAGATGCCTTACATGAGAATGGAGACCTGCAACAAGGACAACCTCCAGGTTGCCTGTTGAAGGTACTAT
 TGGAAATTGATAATCATGTATCAACCAACTACTGTTGTTCCCAACTCCTGCTGTTACATGTAGTTAATGGA
 GAAAACACACCTTCATCCCCGTCTCAGGTTGCTGCCAGACCCAAAAATGCTCCAGCTCCAAGCCAGTCA
 CATCTGCGCCACCAGTGACACGGTTAATGGAGAATCATCATCTGTCTAGCTGATAAATACTTCAACCAT
 GGGTACTTTACTACCATCTGAAGATACCACCTCGACTTCCAATTGCACTAGCACCACCACCAAGAGCCT
 CCTGTACAAGAACCCCGCAGTCCCTCAGAACACAGTGAATGTAATCCCTCTGCCAGTGGGAAAGTGGGAC
 CAGAAGCTCGGAGCCTCATAGACCCTGACTCTGATTCTAGAAAATAATTCTGTGTTGACAAAAGTAAAGGA
 GCCAGAAGGGTGTGTAAGAACCTTGCAGGTTGGGAAAGAAGAGTTGATGATCGTGAAGAGTTTATTATGTGGA
 TGGAAACAGAGAAAAGATCCTCATGGTGAACCTATTATGTGGATCATAATACTCGAACTACTACATGGG
 AGAGACCACAGCCTTTGCCTCCAGGTTGGGAAAGAAGAGTTGATGATCGTGAAGAGTTTATTATGTGGA
 TCATAACACCAGAACAACAACCTGGCAGCGGCCTACTATGGAATCTGTTGAAAATTTTGAACAGTGGCAG
 TCTCAGCGGAATCAATTGCAGGGAGCTATGCAACAATCAACCAACGATACCTCTATTCGGCTTCCATGT
 TAGCTGCAGAAAATGACCCTATGGACCCTTACCACCGGGCTGGGAAAAAGAGTGGATTCAACAGACAG
 AGTTTACTTTGTGAATCACAATACAAAAACAACCCAGTGGGAAGATCCAAGAACTCAAGGCTTACCAAT
 GAAGAACCCTGCCCGAAGGCTGGGAAATCAGGTATACTCGGAAAGGTGTTAGGTACTTTGTTGATCATA
 ACACGAGAACAACAACATTCAAAGACCCTCGCAATGGGAAGTCATCAGTAACTAAAGGTGGTCCACAGAT
 TGCTTATGAACGCAGCTTAGGTGGAAGCTTGCTCACTCCGTTACTTGTGCCAGTCAATGCCTACCG
 AGTCATGTAAGATCAATGTGTCCGACAGACATTATTTGAAGATTCCTTCCAACAGATTATGGCATTAA
 AACCATATGACTTGAGGAGGCGATTATATGTAATATTTAGAGGAGAAGAAGGTCTTGATTATGGTGGCCT
 TGCAAGAGAATGGTTTTCTTGCTTTCCATGAAGTTTTGAACCAATGTATTGCTTATTTGAGTATGCA
 GGCAAGAATAACTATTGTTTACAGATAAATCCAGCATCAACTATAAATCCTGACCATCTTTCATACTTCT
 GTTTTATTGGTCGCTTATTGCAATGGCACTGTCCATGGAAAGTTTATTGATACTGGTTTCTCTTTACC
 ATTCTACAAGCGTATGCTAAGTAAAAAACTTACTATTAAGGATTTGGAATCTATTGATACTGAATTTTAC
 AACTCTAATCTGGATAAGAGATAACAATATTGAAGAATGTGGCTTAGAAATGACTTTTCTGTAGACA
 TGGAGATTCTGGGAAAAGTTACTTACATGATTTAAAGTTGGGAGGTTCCAATATCTGGTGACGGAAGA
 AAACAAGATGAATATATTGGTTAATGACAGAATGGCGTTTTTCTCGAGGAGTACAAGAACAGACCAAA
 GCTTTCCTTGATGGGTTTAAATGAAGTTGTTCCCTTCAGTGGCTACAGTACTTTGATGAAAAGAATTGG
 AGGTTATGCTGTGTGGCATGCAAGAGGTTGACTTGGCAGACTGGCAGAGAAATACTGTTTATCGACATTA
 TACAAGAAACAGCAAGCAAAATTATTTGGTTTTGGCAGTTTGTGAAAGAGACTGATAATGAAGTACGAATG
 CGACTCTTGAGTTTGTGACTGGAACCTGTCGCTTGCCTCTAGGAGGATTTGCTGAGCTCATGGGAAGTA
 ATGGGCCCTCAAAGTTCTGTATTGAAAAGTTGGCAAAGACACCTGGTTACCAAGAAGCCATACATGTTT
 TAATCGCTTGGATCTACCACCATATAAGAGTTATGAACAATAAGGAAAAAATCTTTTTGCAATAGAA
 GAGACAGAGGGATTTGGACAAGAA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:	NM_177327
Insert Size:	2757 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_177327.5</u> , <u>NP_796301.2</u>
RefSeq Size:	6458 bp
RefSeq ORF:	2757 bp
Locus ID:	107568
UniProt ID:	<u>Q8BZZ3</u>
Cytogenetics:	4 A3
Gene Summary:	<p>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 TGFB1; the ubiquitination is enhanced by SMAD7. Ubiquitinates SMAD6 and SMAD7. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longr transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>