

Product datasheet for **MC204659**

Wbp2 (NM_016852) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wbp2 (NM_016852) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Wbp2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC055058

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GACCCACGCGTCCGCAAGCGCAGAGCGTTGCGAGTCTCGGGACCCAGTGGGAGAGACTATGGCGCTCAA
CAAGAATCACTCAGAGGGCGGCGGAGTGATCGTCAACAACACTGAGAGCATCCTAATGTCCTATGATCAT
GTGGAGCTTACCTTCAACGACATGAAGAATGTGCCAGAGGCCCTCAAAGGACCAAGAAAGGCACCGTCT
ACCTTACTCCGTACCGGGTCATCTTTCTGTCTAAGGGGAAGGACGCCATGCAGTCCCTCATGATGCCCTT
TTACCTGATGAAGGACTGTGAGATTAAGCAGCCGGTGTGGTGGCAACTTCATTAAGGGAATAGTGAAG
GCTGAAGCAGGAGGTGGCTGGGAAGGCTCCGCCTCCTACAAGCTGACCTTACAGCAGGGGGCGCCATTG
AGTTTGGGCAGAGGATGCTCCAGGTGGCATCTCAAGCCTCCAGAGGTGAAGTCCCAATGGAGCCTATGG
GTACCCCTACATGCCAGCGGGGCTATGTCTTCCCCGCCAGTCGCCAATGGAATGTACCCCTGCCCT
CCTGGCTACCCCTATCCACCACCCACCCGAGTCTATCCAGGACCTCCCATGATGGATGGGGCCATGG
GCTATGTACAGCCCCACCACCCTATCCTGGGCCATGGAGCCTCCGGTCAGCGGCCCCAGTGCCCC
CGCTACTCCTGCAGCCGAGGCCAAGGCTGCAGAAGCCGCTGCCAGTGCCTATTACAACCCAGGCAACCCA
CACAATGTCTACATGCCACGAGCCAGCCTCCACCACCCTACTACCCCCAGAACACAAGAAGACCC
AGTAGACCCTGCCACTTCCCGCTCTTACCCAGAGACCCTTCTGGGCTCCCGTGGGCTGCATCTG
GGATTCCAGGAGGCCAGGGAGGGCCCTGTTCTTCCCCAGGCTGAGTATAAAGTTAGCAGGAGCTAGCCC
TGATAGAAAGGTGGAACCTCTGGCCTCTGAGAGGCACGTCCAGCTTCTCGCCCTAGCTCAGCTCACAGC
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GGTGACCATTGTTCTTCTCTTGGGCTCCTAAGACCAGCCATGTGTCTCCCCAACAGGCCCTGCCAAA
CCCTGTTACATTCTTACCCCTGGTGTCTCCTGGCTCTGGAAGCCGCTGTCCAGCAGACTGTCAGT
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GCTGGCATCAGAGGCGAAGCCACTGTGTTACAGAGGAAGCCCTCTGCCCTATGCTACTGTTTCTGGGA
ATTATTCGCTCTCTCTCTCCCTTACAGGGGGTGTCTGCAGGAGGGATAGAGAATGCATGTCTG
TCCCGCCAGGCCCTTGTCTGGGACTGAGGCCTTCCAATATGTGACCTTAACCTGCAGTCTGCCCT
CTGTAAGCTTACGCCCCCTGGATGCACTAAGAATTGCTCTTGTTCGTTCTGGTCCAGACACAAAATGA
GGAGATGGTTATTTAAAGAGAATTCCTATTTATTTGACACAAAATGTCCAGTTAATATTAATGTGAAA
TAAACCTGTTTGACCTTGAAAAAAAAAAAAA
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Restriction Sites: RsrII-NotI



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ACCN:	NM_016852
Insert Size:	786 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:	BC055058 , AAH55058
RefSeq Size:	1784 bp
RefSeq ORF:	786 bp
Locus ID:	22378
UniProt ID:	P97765
Cytogenetics:	11 E2
Gene Summary:	Acts as transcriptional coactivator of estrogen and progesterone receptors (ESR1 and PGR) upon hormone activation. In presence of estrogen, binds to ESR1-responsive promoters. Required for YAP1 coactivation function on PGR activity. Synergizes with WBP2 in enhancing PGR activity (By similarity). Modulates expression of post-synaptic scaffolding proteins via regulation of ESR1, ESR2 and PGR (PubMed:26881968).[UniProtKB/Swiss-Prot Function]