

Product datasheet for **MC206582**

Wrb (BC031769) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wrb (BC031769) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Wrb
Synonyms:	5530402J05Rik; C030018G21Rik; Chd5
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC031769
 GCGCGGAGGCGCGGTACCATGGCGCTGTCGTAGCGGTGCAGGTGCCTGGGATCCAGCATGAGCGCGTCC
 GAGACGGACCGCTGGGCGTGGCTGCTGGTGTGAGCTTCGTGTTCCGGGTGTAACCTTGCTGCGCATCCTCC
 TGCCGTCCTGTCTCGTTTATTTCCAGGGTGTGCAGAAGGATGCAGAGCAGGAGTACAGATGAGGGC
 AGAGATCCAGGGCATGAAGCAGGAGCTGCCACCGTCAACATGATGGACGAGTTTCCAGATACGCCAGG
 CTGGAAAGGAAGATCAACAAGATGACGGACAAGCTCAAAACGCACGTGAAGGCACGGACAGCTCAGTTGG
 CCAAGATCAAGTGGTTTATAAGTGTGCTTTCTACATACTACAAGCAGCGCTGATGATCTCGCTCATTGG
 GAAGTATTACTCCGTCCCTGTGGCTGTGGTGCCAGCAAGTGGATCACCCCACTAGACCGCTGGTAGCC
 TTTCTACTCGAGTAGCAGGTGGAATTGGAATCACCTGTTGGATTTAGTCTGTAACAAAGTTGTGGCTA
 TCGTTCTCCACCCTTTCAGCTGAGGGGAAGGCCAGCTACAAGTCTTTACAAAAGGATTCTGATAGGGTAA
 AGAGCGGATTGCACACAAGTCCACAGATTCTTGTGTTTTATGTTTTGGAACATTTGCTTTTGTGTGCAC
 CTGGGATTCTTGTGAAGTCAAGATTTTCTACACCGCCATTGAGCCAGAAAGACCAGTTACGGCACTCC
 CATATCGTCTGATGTAGGTCTGGATTCATACCAACTGGGAACCACCACGTGGCATCTGCTGATGCTTGT
 TCTGGCATGGCTTGGGCTGTGGCCAGCTGCAGAGTCAAGTGTAACTCCGTTAGTCTGTTTTA
 ATTTTAGAAAAACCCACACTTTCTGACCACTACTAAACCTCCTTTTTATCTCAGTTACAGAAAGTACGC
 AACTAGTGTAGTGTACTGTCTCCTGAAATGTCACACATAAGTGTGTGAAAGTATCGCTGTATG
 TCTAAGTTTGTTCATTTTTATAGTGTCTCCTACATGTGTTTCATGAGACGACGTGATTTTTATTTAAAG
 CATTTCAAATGAAGTCTGTCTTTAAAGCATTGGGTGTTTATGCTGTGCGCAGAATAGGGTTAAACAAGGT
 GCGGTCTGATCCAGTTACTCTGAGACTCCTTAGGCTCATGAAGTTACTAGGCAGAAATCTGCCAAGTCTG
 TTTTTTTTTGTTTGTGTTTTGTTTTTTTTTTTTTTTTTTTTTTTTTTTTGTTTTGAGACAAGGTCTCTCAGTGTAGCTGC
 AGCTCTCCTGAAATATGTAGACCAGGCTGTCTCAAACCCACAGAGATCCACCTCCCTCTATCTCCCAG
 ATGATAGGATTAAGGCGTATGCCGCTACTGTTTTGTATATGCCGTCAAGACTGTTTTGAAGCACTTT
 CCCTAGTTACAGTATTTGCCAGTGTAGTGTACTGTCCCACAGCCTTACAGCAGGAGCTGGGCTCACT
 GCCTGCGCTGCAAGCTGCGGTATTCGCCCTGGGGAACCATAGCACAGAAAAGCTCCCTGACAGCACTGC
 AGGTCTCTGCACAGCTCTGGCTGTCTGGAATCACTATGTAGACCAGGCTGACCTGGAATTTATAGGAAT
 CCTCTCGTCTCTGCCTCATAGCTGCTGGGATTAAGGCGTAGCACTGGGTTTGAAGGATCATATTTATAC
 TCCAGTGTTCCTAATGATCTCCTAAGTAGCTCTTTGTTTTCTGACTGTACTGTGAACAGGCCAGTGT
 GCGGCCCTTGATTGGTTGTAGACCGAGTGCCACCAGAGCAGGCTTGAGAGTCCATTGATTTAACTCCG
 CAGATGCTGCAGATAGATCCACGTGGCACCAAGATTACTTGGCTGTATTTGTTGTGGGCACAAACGGAAC
 ATAGCAGTAGGCATAGCCAACATTGCCAGGAGGACCTGCCCACTAGCTCCAGCATGCTCATACGAAGGA
 AGCACGTGGTCTACACAAGATTATTTGGGACCTGAGGAGTTGGCTGCAGAATCTGGGTTCCCTCTGGG
 TATTCAGCCCTCGGGGTGAGGGAGGTTGCGCTTTCTCTTTTTGTCAGTGAGCCATAGCTGCAATGG
 CGTTTTTGGCCACATCGTTTAGGTAGCCTGGGTGAGCATCCCAAGGCCACTTGGAAAGGGAATCAGAAG
 TGCCACAGAACAGATGCCTCTCATGATTTAGCTGACCTGAAGGAACAAATGACTTAGTGTCCCATGTGT
 GTAATGTGGATGTGAGCGCTTCCACATGCATAATGTATGTAAGACTGTTAGTGTCCCATGTGTGTAGT
 TATGTAACACCGCAAGTAGGGGACAGCTGTGTTTTATCCCAAATGTATTTGTTTATTAATGGGTAAT
 AAACATTGAGTTAAAAAGGGACTGGGAAAAAAAAAAAAAAAAA

Restriction Sites: EcoRI-NotI

ACCN: BC031769

Insert Size: 525 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: [BC031769](#), [AAH31769](#)

RefSeq Size: 2491 bp

RefSeq ORF: 525 bp

Locus ID: 71446

Cytogenetics: 16 C4

Gene Summary: Receptor for ASNA1/TRC40-mediated insertion of tail-anchored (TA) proteins into the ER membrane.[UniProtKB/Swiss-Prot Function]