

Product datasheet for **MC204288**

Nacc2 (NM_026495) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nacc2 (NM_026495) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nacc2
Synonyms:	0610020I02Rik; AI448087; Btbd14a; C030048H19Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC022103
 CCGACGCGTGGGGTCCGCGGGCGCCGGAGCTCGGGGACGCGGGAGCACTTCTGCCGCGGGCGGCCCGC
 TGCTGCCCAGGCCGGACTGGGCCGGGTGCCCGCAGATGTGCCTCATCCAGGCTGCCCCACGTTGAGTCTG
 AGACCCACCCACCACAGCACCCACCATGTCTCAGATGTGCACATCGAGATCCCCAACTTCGGGAACACA
 GTGCTTGGCTGTCTCAACGAACAGCGCCTGTTAGGCCTCTACTGTGATGTGTCCATCGTGGTCAAAGGCC
 AGGCCTTCAAGGCCACCCTGCGCTTTGGCCGCCAGCAGCCTCTATTTCCGAGACCTCTTCAGTGGTAA
 TAGCAAGAGTGCATTTCAGCTGCCGGGCACGGTGCCGCTGCCTGCTTCCAGCAGATTCTGTCTTCTGC
 TACACAGGTAAGCTTACCATGGCGGCCAGCGAGCAGCTCGTGGTATGTACACAGCCGGCTTCTGCAGA
 TCCAGCACATCGTGGAGCGGGGCACAGATCTCATGTTCAAGGTGAGCTCACCCCACTGTGACTCGCAGAC
 CGCCATGATCGAAGATGCCAGCTCGGAGCCCCAAAGTCCCTGCAACCAGCTGCAACCAGGACTGCTGCC
 TATGTCACGTCTCCTTCTGTGCCATCCCGCTTCTGACCCGTGTAAGCATGAAGCTATGGAGATGCCGC
 CGGCCAGTGGCCGGGCTGGCTTCTAAACGCCCACTAGAGACGGGCCCTCGAGATGGTGTGGCAGTAGC
 TACAGGTGCTGCAGGGACACCTGGCACGGCCCCTCTGAAGCTGCCTCGAGTCTCTACTATGGTGTGCCA
 AGCCTGGCCACTCTCATCCCAGCATCCAGCAGGTACCCTATCCCCGGGGGAGCGGACCAGTCTGGGG
 CCAGCAGCTGCCACCCTGACAGCCCACCTCTACCAACAGGAGGATGAAGAGGATGACGAAGC
 CTATGATACCATGGTGGAGGAGCAGTATGGCCAGATGTATTAAGCCACAGGAAACTATGCAGTGCAA
 GAGAAACCAGAGCCAGTGCCTGGAGAGCCGCTCCTGTGTCCTCATCCGTCGAGACCTGGTGGCACTTC
 CTGCCAGCCTCATCAGCCAGATTGGGTACCGCTGCCACCCAAAGCTCTACTCAGAGGGAGATCCTGGAGA
 GAAACTGGAGCTTGTAGCAGGCTCCGGGTCTACATCACACGTGGCCAGCTCATGAACTGCCACCTGTGT
 GCAGGGGTGAAGCACAAGGTCTGCTGCGGAGGCTCCTGGCCACCTTCTTTGACAGGAACACACTGGCCA
 ACAGCTGTGGCACTGGCATTGCTCCTCCACCAGTGATCCGAGCCGAAAGCCACTGGACAGCCGAGTCTCT
 GAACGCTGTGAACTGTACTGTGAGAATTTGCCCCAGCTTCAAAGAGAGCGAGATGAACGTGATTGCC
 GCAGACATGTGTACCAATGCTCGCGGTCCCGTAAGCGCTGGCTGCCAAGATCAAGTCCATGCTCCAG
 AGGGTGTGGAGATGTACCGTAGTGTATGGGTGGGTCCGGCCAGCCTGCCTCTGGACCCGAGTTCCC
 ATCTGCGGCTCCACAGGTGTTTGTAGCAGCGCATCTATGCTGAGCGACGAAGTGTGCAACCACCATCGTG
 GCTCTGAGAACTGATGCGGTGAATGTGATCTGAGCACTTCAGCCAACCCTGCCTTTGAGGCTAATGAGG
 AGGTGGATGGGGTGGCTCTGTTATCCAGGAGGTGGTGCCCCAGAGCAGCTGCCCGCTGATGGCCAGAG
 CTCCCCTCAGGCCTTTGAGCAGGGCAACACCAGCTCCAGTAGGCCTCAGACACCAGTGGCCACAGCAACA
 AGAAGGCCAGAGGGCACCTATGCAGGGACCTTGTAAAGTGGCCGGCAAGGCCAGCTCACAGGAACCCAGTA
 CTAAGCTGCTTGCATGCGTTACTAATAACAACAATGTGATCAAGCCACTTACCTACTGAACTGCTACT
 GCTGCCTGACAAAATGTGATTTTTATTCTGCCTGTATTTAAAAATGGATGAAGGAAACAATGCATTTCAT
 TATACTGTAAACATTTAGGCCGCTGGCCACTCTCTGGGACAAAGTCCCAGGGCAACTTTTTGATATTC
 CCAGCTCAGTCTCCCGTGGTAGTGTCTCTCCCTTCTTGGGGAGACAGAAGAGGGCACCGGGTCCCTG
 ATGTCCTGCCCTGACCCTGCCTCATCCACCCTTATTCCCCTGCTCTGAAAGCAGAAGCTGGGGCAGC
 AGTGGCCTGGGGCTGGAGGGGCAGACACGACTCCATTCTTACCATAAGGACCCCACTGGGACAGTGG
 GGGGAATGCTGGGCCCTCAGAGGCCAGACTTCTTGTGTTTTATTCTCCGAAGAAGCTGCCTGCGTGCA
 TGATGTATGCGTGTGTGTGTGTGTGTGCGCGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTA
 TGAGTATGTACGCACACACATGAGTGAGAGAGACAGAGAGAGAGAAAGAGAAAGAGGGGGGCAGGAA
 GACCAGTATGGCCCTGCAGTAGCTGTGGCTGGTATCTGGGGTGGGGGAAAGATGAGGTGTTCCCCCT
 TCCATACCTGTGCTCACTCTGCTCCACCCAGACCCCAAGCGGCTGGCCTGCTGATCCCCCAGGGTCT
 CTCTGCCCTGGCCATGGCTGTCTCACACCCTGCTCTCCAGCCACTCTGGGATTTTGCTTGTGTTG
 CTGTTTTGTTTGTAGTTCAGATCTATTTGTTTGTGGTTTGGAACTTTCAGACCGAACAGAGAAAAAAA AAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_026495
Insert Size: 1761 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:	BC022103 , AAH22103
RefSeq Size:	2877 bp
RefSeq ORF:	1761 bp
Locus ID:	67991
UniProt ID:	Q9DCM7
Cytogenetics:	2 A3
Gene Summary:	Functions as a transcriptional repressor through its association with the NuRD complex. Recruits the NuRD complex to the promoter of MDM2, leading to the repression of MDM2 transcription and subsequent stability of p53/TP53 (By similarity).[UniProtKB/Swiss-Prot Function]