

Product datasheet for **RN207196**

Nacc2 (NM_001100533) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nacc2 (NM_001100533) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nacc2
Synonyms:	Btbd14a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:	>RN207196 representing NM_001100533 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCCGGATCGCC ATGTCTCAGATGCTGCACATCGAGATCCCCAACTTTGGGAACACAGTGTCTGGCTGCCTCAATGAACAGC GCCTGTTAGGCCTCTACTGTGATGTGTCCATCGTGGTCAAAGGCCAGGCCTTCAAGGCCACCGTGCAGT CCTGGCCGCCAGCAGCCTGTATTTCCGAGACCTCTTCAGTGGTAATAGCAAGAGTGCGTTTGAGCTGCCG GGCAGGGTGCCGCCCGCCTGCTCCAGCAGATTCTGTCCTTCTGCTACACAGGTAAGCTTACCATGGCGG CCAGTGAGCAGCTCGTGGTCAATGACACAGCCGGCTTCTGCAGATCCAGCATATCGTGGAGCGGGGCAC AGATCTCATGTTCAAAGTGAGCTACCCCAATTGTGACTCGCAGACCGCCATGATCGAAGATGCCAGCTCA GAGCCCCAAAGTCCCTGCAACCAACTGCAACCGGCCACTGCTGCCTATGCCACCTCTCCTTCTGTGCCCA TCCCGTTCTGACCCGTGTAAGCACGAAGCTATGGAGATGCCACCGGCCACTGGCCAGGCCTGGCTTC CAAACGCCCACTGGATACGGGCCCTCGAGATGGTGTGGCGGTAGCTACAGGTGCTGCAGGGACACCCGGC ACAGCCCCCTCTGAAGCTGCCTCGAGTCTCCTACTATGGTGTCCGAGCCTGGCCACTCTCATCCCCAGCA TCCAGCAGGTACCTATCCCCAGGGGGAGCGGACCACTGCTGGGGCCAGCAGCCTGCCCACTGACAG CCCCACCTCTACCAACGAGGATGAGGATGACGATGAAGCCTACGATACCATGGTGGAGGAGCAGTAT GGCCAGATGTACATTAAGCCACAGGAACTATGCAGTGCAAGAGAAACCAGAGCCAGTGCCCTGGAGA GCCGCTCCTGCGTCTCATCCGTCGAGACCTGGTGGCACTTCCAGCCAGCCTCATCAGCCAGATTGGGTA CCGCTGCCACCCCAAGCTCTACTCAGAAGGCGATCCTGGAGAGAACTGGAGCTTGTAGCAGGCTCCGGG GTCTACATCACGCGTGGCCAGCTCATGAACTGCCACCTGTGTGCGGGAGTGAAGCATAAGGTCTGCTGC GGAGGCTGTGGCCACCTTCTTCGACAGGAACACACTGGCCAATAGCTGTGGCACGGGCATACGTCCTC CACCAGTGACCCAAGCCGAAAGCCACTGGACAGCCGAGTCTTAACGCTGTGAACTGTACTGTCAGAAC TTCGCCCCAGCTTCAAAGAGAGCGAGATGAACGTGATCGCCGCCGACATGTGCACCAACGCTCGCCGTG TCCGTAAGCGCTGGCTGCCCAAGATCAAGTCCATGCTTCCAGAGGGCGTGGAGATGTACCGTAGCGTCAT GGGTGCGTCCGCTGCCAGCCTGCCCTGGACCCTGAGTCCCCTGCTGCTGCCCTCCAGGTGTTTGAGCAG CGCATCTATGCGGAACGACGAAATGATGCAGCCACCATCGTGGCTCTGAGAACTGATGCTGTGAATGTGCG ATCTGAGCACCTCGGCCAACCTGCCTTCGAGGCTAATGAGGAGGTGGATGGGGCTGGCTCGGTCATCCA GGAGGTGGCTGCCCCGAGCAGCTGCCTGCTGATGGCCAGAGCTCCCCTCAGGCCTTTGAGCAGGGCAAC ACCAGTCCAGCAGGCCTCAGACACCAGTGGCCACAGCAACAAGGAGGCCAGAGGGCACCTATGCAGGGA CCTTGTAA AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC TGGATTACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	Sgfl-RsrII
ACCN:	NM_001100533
Insert Size:	1758 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: [NM_001100533.1](#), [NP_001094003.1](#)

RefSeq Size: 3165 bp

RefSeq ORF: 1758 bp

Locus ID: 296583

UniProt ID: [Q562B4](#)

Cytogenetics: 3p13

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]