

Product datasheet for **MR208043**

Chrnb2 (NM_009602) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chrnb2 (NM_009602) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Chrnb2
Synonyms:	Acrb-2; Acrb2; C030030P04Rik; [b]2-nAChR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208043 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCCCGGTGCTCCAACCTCTATGGCGCTGCTGTTTCAGCTTTGGCCTCCTTTGGCTGTGTTCAAGGGTTT
 TGGTACTGACACAGAGGAGCGGCTGGTGGAGCATCTCTGGATCCTTCCCGCTATAACAAGCTGATCCG
 TCCAGCTACTAATGGCTCTGAGCTGGTACTGTACAGCTCATGGTATCATTGGCAGACTCATCAGTGTG
 CACGAGCGGGAGCAGATCATGACCACCAACGTCTGGCTGACCCAGGAGTGGGAAGATTATCGCTCACAT
 GGAAGCCTGAGGATTTGACAATATGAAGAAAGTCCGACTCCCTTCTAAGCACATCTGGCTCCAGATGT
 GGTCTATAACAATGCTGACGGCATGTACGAAGTCTCCTTCTATTCCAATGCTGTGGTCTCCTATGAT
 GGCAGCATCTTTGGCTACCGCTGCCATCTACAAGAGCGCATGCAAGATTGAGGTGAAGCACTTCCCAT
 TTGACCAGCAGAACTGCACCATGAAGTTCGGCTCCTGGACCTACGACCGCACTGAGATTGACCTGGTGT
 CAAAAGCGATGTGGCCAGCCTGGACGACTTCACACCTAGTGGGGAGTGGGACATCATCGCACTGCCAGGC
 CGACGCAACGAGAACCAGAGACTCCACCTACGTGGACATCACCTACGACTTATCATTCTGTCGAAAC
 CGCTCTTCTACACCATCAACCTCATCATCCCCTGCGTACTCATCACCTCGCTGGCCATCCTGGTCTTCTA
 CCTGCCCTCAGACTGTGGTGAAGAGATGACACTTTGTATTTCTGTGCTGCTGGCGCTCACGGTGTTCCTG
 CTGCTCATCTCCAAGATTGTGCCTCCCACCTCCCTCGAGTACCGCTGGTGGGAAAGTACCTCATGTTCA
 CCATGGTGTAGTACCTTCTCCATCGTACTAGCGTGTGTGTGCTCAATGTGCACCACCGTTCCGCTAC
 CACGCACACCATGGCGCCTGGGTCAAGGTGGTCTTCTGGAGAAGTGGCCACCTCCTTCTTCTGCGAG
 CAGCCACGCCACCGCTGTGCAGTCAACGCTGCGCTTGGGAAGCGCCAGCGGGAACGTGAGGGGGCAG
 GCACACTATTCTCCGCAAGGTCTGACGCTGACCCATGTACCTGCTTTGTCAATCCTGCATCAATGCA
 GGGCTTGGCTGGGCTTTCCAGGCTGAGCCCGCTGCAGCCGGTCTGGGGCGCTCGATGGGCCATGCAGC
 TGTGGCTCCGGGAAGCTGTGGACGGTGTACGCTTATTGCGGACCATATGCGAAGTGAAGATGATGACC
 AGAGTGTGAGGGAGGATTGAAAACGTTGCCATGGTGTGATCGACCGCTGTTCTCTGGATCTTTGTCTT
 TGTCTGTGCTTTGGGACCATTGGCATGTTCTGCAGCCTCTCTCCAGAACTACACTGCCACGACCTTC
 CTTCACTCTGACCACTCAGCTCCAGCTCCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208043 protein sequence
 Red=Cloning site Green=Tags(s)

MARCSNSMALLFSFGLLWLCSGVLGTDTEERLVEHLLDPSRYNKLIRPATNGSELVTVQLMVSLAQLISV
 HEREQIMTTNVWLTQEWEDYRLTWKPEDFDNMKKVRLPSKHIWLPDVVLNNADGMVEVSFYSNVVSVD
 GSIFWLPPIYKSACKIEVKHFPFDQONCTMKFRSWTYDRTEIDLVLKSDVASLDDFTPSGEWDIIALPG
 RRNENPDDSTYVDITYDFIIRRKPLFYINLIIPCVLITSLAILVFYLPDCGKMTLCISVLLALTVFL
 LLISKIVPPTSLDVPLVGKYLMTMLVTFIVTSVCLNVHRSPTTHTMAPWVKVVFLEKLPDLLFLQ
 QPRHRCARQLRLRRRQREREGATLFFREGPAADPCTCFVNPASMQGLAGAFQAEPAAAGLGRSMGPCS
 CGLREAVDGVRFIADHMREDDDDQSVREDWKYVAMVIDRFLWIFVFCVFTIGMFLQPLFQNYTATTF
 LHS DHSAPSSK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

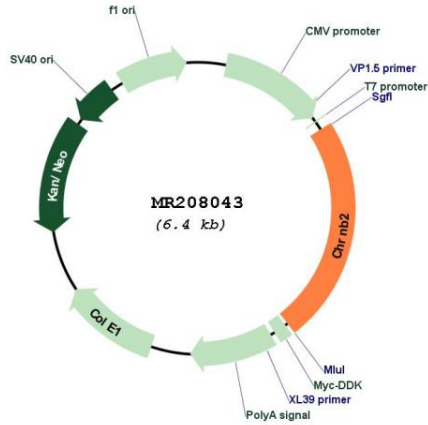
Restriction Sites:

Sgfl-Mlul

MW: 57.1 kDa

Gene Summary: After binding acetylcholine, the AChR responds by an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane permeable to sodium ions.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR208043