

Product datasheet for **MC205401**

Chrna6 (NM_021369) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chrna6 (NM_021369) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Chrna6
Synonyms:	Acra6; Nica6
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC031985
 GACAGGACATGTGACAGCCAGCCGAGTGAAGCAGCAGGGTTGGCTTCCCTTGCCCTTCACATCTGTTTCA
 GCCTGGGATGCAGGGAGCAGTTGCATGATGTCCCGTGTTCCTTCCACAGAAGATCTGTGTGAGCTTCC
 AGGAGCTTCCCGGGGCTTCAATATCTGATTCTGGCAGCTGACAGACAGCTGTGTCTCCACAGCCCTCC
 GTGTAGAAATCGGAATTCAGAGAGCTTTATCATGCTGAACAGCCGGGACCAGGGAAACCTGCACTCCGG
 TTTATGTCTGTGGCTATGTGGATTCTGGCTCTCTTTAAAGGCAGTACAGGCTGTGAATCTGAAGAGCAG
 CTCTTCCACAGGCTGTTTGTCTACTACAACCGCTTCATCCGGCCGGTGGAGAATGTCTCCGATCCCGTCA
 CGGTGCATTTTGAATTGGCAATCACGCAACTGGCCAATGTGGATGAAGTCAACCAGATTATGGAGACCAA
 TCTGTGGCTGCGTCACATCTGGAAGGACTACAGATTGCGTTGGGATCCAACGGAGTATGATGGCATCGAG
 ACACCTCGAGTTCAGCAGACAACATCTGGAAGCCTGACATCGTTCTGTATAACAATGCTGTGCGGCGACT
 TCCAGGTGCAAGGCAAGACCAAAGCTCTTCTCAAGTATGACGGTGTGATAACCTGGACCCACCAGCCAT
 CTTTAAGAGCTCCTGCCAATGGACATCACCTTCTCCCGTTTGACCATCAAACTGCTCCCTGAAGTTT
 GGTTCCTGGACTATGACAAGGCAGAAATCGACCTTCTCATATTGGCTCTAAAGTAGACATGAACGACT
 TTTGGGAAAACAGTGAATGGGAAATTGTCGACGCCTCTGGCTATAAGCATGACATCAAGTACAACGCTG
 TGAAGAGATTTACACGGACATAACCTACTCCTTCTACATCAGGAGTTGCCCATGTTTTACACCATCAAC
 CTATCATCCCCTGCCTTCTATTCTCCTCCTCAGGTGCTGGTTTTTACCTTCCCTCCGACTGTGGCG
 AGAAAGTGACTCTTTCATCTCCGTTCTGCTTCTCTACTGTCTTTTTGCTGGTGATTACAGAGACCAT
 CCCATCCACATCTCTCGTATCCCACTGGTGGGTGAGTATCTACTGTTACCATGATCTTTGTCACGCTG
 TCCATTGTGGTGACCGTGTTCGTGCTGAACATACTACAGGACCCAGCAACGCATACCATGCCAAGT
 GGGTGAAGACCATCTTCCCTCAGGCCTTCCCTCGATTCTGATGATGAGGAAACCTCTGGACAAGACAAA
 GGAGGCAGGAGGTGTTAAGGACCCAAAAGCCATACCAAGAGGCCTGCCAAGGTCAAATTTACTCATCGA
 GGAGAATCCAACTTCTAAAGGAATGCCACCCTGCCAAAAATCAAGTACATAGCACCTGGAAAAGAGAA
 GATCAAGCCAGCAGCCTGCACGGTGGGTGGCAGAGAATTCAGAGCACTCGTCCGATGTTGAAGATGTCAT
 CGAGAGTGTCAATTCATAGCAGAAAACATGAAGAGCCCAATGAAACAACAGAGGTAGAAGACGACTGG
 AAATACATGGCTATGGTGGTGGACAGAGTCTCCTTTGGGTATTTATAATTGTCTGTGTGTTTGGAACTG
 TGGGGCTATTTCTGCAGCCACTGCTTGGGAACACAGGAAAGTCTTAATTGGTATTGTCCCTTTACCTTCT
 GAATCTTTTAGATGTTGTGTTTTTCCCGAGCTAGTCCCCACAAGAAAAAGCCAAGTACACAGACTCCTA
 AACCAAGACAAGAAGGGAGTGGGCTTGTGTCAGCCTTAGGAGCCTGAATACCTGTCTTCCCTTACTG
 GTGTTTTATCACCTTGGAGCCCAGAGCTGGCAGTTGTCTTAGGCTAGGAGGACTGAGTCAGCTTCTCTAT
 AATTTGCATTCTTTGTTTCAAGAAACACAATGGTCCCTCGTAGAGCTAGGCCCCATAGTCAAGAGTCAG
 TCCACTCTGAAAGGTGATTGGCTTGTATCCGAAGCTCCTGCTGGTTATTGCAAGTATGTTATGTTAT
 CAAGAACTCGGGAGCGCTGCTGACACTTGCAACACACCTGTCTGCTACTTTCTTGTGCATGTCCCTGTG
 ATGTAGCTCACACTCATATCTGACATGTGCAATGGTCAAAGAAGAAAGCAGATAGCATCTCTTAGCAG
 ACTATTCAATTCGTGGTGAATGGGTTTTCTGTCCGTGTGAAAATCACTGAACTGATAGGCGTAAAAGGA
 TGACGTTTATATGAGCTCATGGATTTGGAGGACTCTGCCCATGATCACTAGGTCCCATGGCTCTGGGCC
 TTTGATGAGGCAAAGCATCATGCCTAGAAGAGGATGGCTGCCACTTAAAGATAGCTACAAAGAAAGCAA
 ACAGAGAGGAAGGCTCTGGAGTGCCAATATTCCTTTCACAGTACAGCCCAATGACTTTCATGTCTTCCCTA
 CAAGACCTTCCATCCTAGAAGCTCCACTACCTCCTGATAGCGTGGAGGAATCAGTCTCTAACACTTGTCC
 TTGGGGCTGATCCAAACCACAGCAGTATTGTCTGCGAGGACATTTGGCTGGCTCCAGTACTGTGCTAGG
 TGCTACAAGGGGATACATAAGAGTCTTTCCCTTATAAAGTTACAGCCTTTTAGAAAAGCCGTATATGCAA
 AGAGCCACAGGATCAGGTAGTAGAGGATAGCTAGAGCAACCCAAATGGGAGAACTAATCGGACAAAC
 CTAAACTCACTCTGTGTTTCAAACAGATATCTGTGTAGCTTTTTCCACGAGCCCTTCTTAGCTCACT
 GCATGGAGATGAAATAAAATCGATATGAAATTTTAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_021369
Insert Size: 1485 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:	BC031985 , AAH31985
RefSeq Size:	2921 bp
RefSeq ORF:	1485 bp
Locus ID:	11440
UniProt ID:	Q9R0W9
Cytogenetics:	8 A2
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.[UniProtKB/Swiss-Prot Function]