

Product datasheet for **MR224522A1V**

Mouse Chrna7 (NM_007390) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Chrna7 (NM_007390) AAV Particle
Tag:	Myc-DDK
Symbol:	Chrna7
Synonyms:	Acra7; alpha7; nAChR
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>MR224522 representing NM_007390
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTGCGCGCGCGGGAGGCATCTGGCTGGCTCTGGCCGCGCGCTGCTGCACGTGTCCCTGCAAGGCG
 AGTTCCAGAGGAGGCTGTACAAGGAGCTGGTCAAGAACTACAACCCGCTGGAGAGGCCGGTGGCCAACGA
 CTCGCAGCCGCTCACCGTGTACTTCTCCCTGAGCCTCCTGCAGATCATGGATGTGGATGAGAAGAACCAA
 GTTTTAACCACCAACATTTGGCTACAAATGTCTTGGACAGATCACTATTTGCAGTGGAACATGTCTGAGT
 ACCCCGGAGTGAAAAATGTTTCGTTTTCCAGATGGCCAGATTTGGAAACCAGACATTCTCCTCTATAACAG
 TGCAGATGAACGCTTTGATGCCACATCCACACCAACGCTTGGTGAATGCATCTGGGCATTGCCAGTAT
 CTCCTCCAGGCATATCAAGAGCTCCTGCTACATCGATGTACGCTGGTCCCTTTTGATGTGCAGCAGT
 GCAAATGAAGTTTGGGTCCTATGGAGGGTGGTCTTGGACCTGCAGATGCAAGAGGCAGATAT
 CAGCAGCTATATCCCAATGGAGAATGGGATCTCATGGGAATCCCTGGCAAAGGAATGAGAAGTTCTAT
 GAATGTGCAAAGAGCCATACCCAGATGCACCTACACAGTAACCATGCCCGTAGGACACTCTACTATG
 GCCTCAACCTGCTCATTCTTGTGTGCTCATTTAGCCCTGGCTTTGCTGGTATTCTTGCTGCCTGCAGA
 CTCTGGAGAGAAAATCTCTTGGAAATAACTGTCTTACTTTCTCTGACTGTCTTCATGCTGCTTGTGGCT
 GAGATCATGCCAGCAACATCTGATTCGGTGCCTTGTAGCACAGTACTTCGCCAGCACCATGATCATCG
 TGGGCTCTCAGTGGTCGTGACAGTGATTGTGCTGCGATATCACCCATGACCTGATGGTGGCAAAAT
 GCCTAAGTGGACCAGGATCATTCTTCTGAATTGGTGTGCATGGTTTCTGCGCATGAAGAGGCCGGGAGAG
 GACAAGGTGCGGCCGGCTTGTGACACAAGCCTCGCGCTGCAGCCTGGCCAGTGTGGAGCTGAGCGCAG
 GTGCGGGGCCACCCACCAGCAATGGCAACCTGCTACATTGGCTTCCGAGGCCCTGGAGGCATGCATG
 TGCCCCAACTCCAGACTCTGGGTCGTGTGGTCTGTTGGCCTGCTCCCAACACATGATGAGCACCTC
 ATGCATGGTACACACCCCTCTGATGGGGACCCGACCTGGCCAAGATCCTGGAGGAGGTCGCTACATCG
 CCAACCGCTTCCGCTGCCAGGATGAGAGTGAGGTGATCTGCAGTGAGTGAAGTTTGGCGCTGTGTGGT
 GGACCGCTTGTGCCTCATGGCCTTTTCGGTTTTTACCATCATCTGCACCATCGGCATCCTCATGTCAGCC
 CCAAATTTGTGGAGGCTGTGTCCAAGACTTTGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR224522 representing NM_007390
 Red=Cloning site Green=Tags(s)

MCGRRGGIWLALAAALLHVSLQGEFQRRLYKELVKNYNPLERPVANDSQPLTVYFSL SLLQIMDVDEKNQ
 VLTNNIWLQMSWDHYLQWNMSEYPGVKNVRFDPGQIWKPDILLYNSADERFDATFHTNVLVNASGHCQY
 LPPGIFKSSCYIDVRWFPFDVQQCKLKFGSWSYGGWSLDLQMQEADISSYIPNGEWDLMGIPGKRNEKFY
 ECCKEYPDVVTYVTMRRRTL YYGLNLLIPCVLISALALLVFLLPADSGEKISLGITVLLSLTVFMLLVA
 EIMPATSDSVPLIAQYFASTMIIVGLSVVTVIVLRYHHHPDGGKMPKWTRIIILLNWCAWFLRMKRPGE
 DKVRPACQHKPRRCSLASVELSAGAPPTSNGNLLYIGFRGLEGMHCAPTDPDSGVVCGRLACSPHDEHL
 MHGTHPSDGDPLAKILEEVRYIANRFRQCDESEVICSEWKFAACVVDRLCLMAFSVFTIICTIGILMSA
 PNFVEAVSKDFA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_007390

ORF Size:

1506 bp

Buffer:	PBS with 0.001% Pluronic F68
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_007390.3</u> , <u>NP_031416.3</u>
RefSeq Size:	2091 bp
RefSeq ORF:	1509 bp
Locus ID:	11441
UniProt ID:	<u>P49582</u>
Cytogenetics:	7 34.47 cM
MW:	57.1 kDa