

Product datasheet for **MR225685A1V**

Mouse Chat (NM_009891) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Chat (NM_009891) AAV Particle
Tag:	Myc-DDK
Symbol:	Chat
Synonyms:	B230380D24Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>MR225685 representing NM_009891
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGCCTATCCTGGAAAAGGTCCCCCAAAGATGCCTGTACAAGCTTCTAGCTGTGAGGAGGTGCTGGACT
TACCTAAGTTGCCAGTGCCCCCACTGCAGCAAACCTGGCCACCTACCTTCAGTGCATGCAACACCTGGT
ACCTGAAGAGCAGTTTCAGGAAGAGCCAGGCCATTGTGAAGCGGTTTGGGGCCCTGGTGGCCTGGGTGAG
ACCCTGCAGGAAAAGCTCTTGGAGAGACAGGAGAAGACAGCCAATTGGGTCTCTGAATACTGGCTGAATG
ACATGTATCTAAACAACCGCCTGGCCCTGCCAGTCAACTCTAGCCCTGCTGTGATCTTTGCTCGGCAGCA
CTTCCAAGACACCAATGACCAGCTAAGTTTGCAGCCAGCCTCATCTCTGGTGTGCTTAGCTACAAGGCT
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AATCGTAAAGAACTCTGGATTTTATTGTTTATAAGTTTGACAACATATGGGAAAACATTTATTAAGAAGCAG
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ACAACCATCTTCTGGCACTGAGGAGCTGGCCCGAGACCTGTGCAAGAGCCACCTGAGATGTTTATGGA
TGAAACATACCTGATGAGCAACCGGTTTATTCTCTCCACAGCCAGGTGCCACGACCATGGAGATGTTT
TGCTGTTATGGCCCTGTGGTACCAATGGGTATGGAGCCTGTTATAACCCCAAGCCTGAGGCCATCACCT
TCTGCATCTCCAGCTTTACGGCTGCAAGAGACCTCATCTGTGGAGTTTGCAGAAGCGGTGGGAGCGAG
CCTTGTGACATGAGAGACCTCTGTAGTTCGAGGCAGCCTGCTGAAGGCAAGCCACCAACAGCAAAGGAA
AGAGCTAGAGGCCCAACCAAGCAAGCAATCTTGACTACTCCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR225685 representing NM_009891 Red=Cloning site Green=Tags(s) MPILEKVPPKMPVQASSCEEVLDLPKLPVPLQQTLATYLCMQHLVPPEQFRKSQAIVKRFGAPGGLGE TLQEKLLERQEKATANWVSEYWLNDMYLNNRLALPVNSSPAVIFARQHFQDTNDQLRFAASLISGVL SYKA LLDSQSIPTDWAKGQLSGQPLCMKQYYRLFSSYRLPGHTQDTLVAQKSSIMPEPEHVIVACCNQFFVLDV VINFRRLSEGDLFTQLRKIVKMASNEDERLPPIGLLTS DGRSEWAKARTVLLKDSTNRDSLDMIERCICL VCLDGP GTGDLSDTHRALQLLHGGGCSLNGANRWYDKSLQFVVGRDGT CGVVCEHSPFDGIVLVQCTEHL LKHM MTGNKKLVRADSVSEL PARRLRWK CSPETQGH LASSAEKLQRI VKNLDFIVYKFDNYGKTFIKKQ KCSPD GFIQVALQLAYYRLYQRLVPTYESASIRRFQEGRVDNIRSATPEALAFVQAMTDHKA AVLASEKL QLLQRAIQAQTEYTVMAITGMAIDNHLLALRELARDLCKEPPEMFMDETYLM SNRFILSTS QVPTT MEMF CCYGPVVPNGYGACYNPQPEAITFCISSFHGCKETSSVEFAEAVGASLVDMRDL CSSRQPAEGKPPTAKE RARGPTKPSNLDYSH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_009891
ORF Size:	1935 bp
Buffer:	PBS with 0.001% Pluronic F3966
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_009891.2, NP_034021.1</u>
RefSeq Size:	2810 bp
RefSeq ORF:	1938 bp
Locus ID:	12647
Cytogenetics:	14 19.4 cM
MW:	72.3 kDa