

Product datasheet for **MR209218A1V**

Mouse Rec8 (NM_020002) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Rec8 (NM_020002) AAV Particle
Tag:	Myc-DDK
Symbol:	Rec8
Synonyms:	mrec; Rec8L1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>MR209218 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGTTCTACTATCCTAACGTGCTTCAGCGCCACACAGGCTGCTTCGCCACCATCTGGCTGGCAGCAACCC
 GAGGCAGCCGTTTGGTGAAGCGTGAATACCTAAATGTGAATGTGGTAAAGACCTGCGAGGAAATCCTCAA
 TTATGTGCTGGTAAGAGTGCAACCTCCGGTGGCCGGGTGCCCGCCCCCGCTTCTCCCTCTATCTCTCC
 GCCCAGCTTCAGATTGGTGTGATAAGGGTCTACTTTCAACAGTGCCAGTACCTTGTGGAAGACATCCAGC
 ATATCTGGAGCACCTACATCGTGCCAGCTGCGGATTCGATTGATATGGAGGAGGCTGACCTACCTAG
 CTTGCTTCTTCCCACTGCCTGGCCATGATGGAGACGCTGGAAGATGCCCCAGAACCCTTTTTTGGGAAG
 ATGTCTGTGGATCCTAGACTTCCAGTCCTTTTGATATTCCTCAGATTCGACACCTTTTAGAGGCTGCAA
 CCCCAGAAAACTCGTAAGGAGACCTTCTGAAGCCACTCCAGACCCAGGAAGCCTGACAGGACCTT
 GGCCACCGTGCAGTCCCCTGAGGTCATCACCTACAGGAGGCAGAGCCATCCGCATGCTGCAGATTGAA
 GGAGAGCAGGATCTCCAGAGATCAGTCGAGGAGACTTAGAACTGCTGATCGCAGAGAAAGATGACGCCA
 TCTTGCTAGAGGAACGTCAGAGAGGCAGGCTTCTCCGACAGCGGAGAGCTTCACTACCACTGGATGAATC
 CAGGGAAGAACCCCGGCCCTAGAAGGTGCTGGTTTGGTCTCGGCACTCTCACCTCCAGCTCCTGCGCAG
 GTGGAAGGGATACAAGAAGCACTACCAGGCCAGGTCTTCCCTCCTGAGGTACAGAAGATGACAGGCTGGG
 AGCCTGGGGCCCTACTCACTGAGGTGACCCACCTCAGGAGCTGCGGCTGCCTGCCCCACCCAGTACAGA
 GAAGAGGCTCCCGTCTCTCAGAGGCCACTTCCCCGCGACACCGCGGCGCCAGTTATTATTCTGGGAC
 AAGGAGACCCAGATCTCTCGGAGAAGTTTGAGGAACAAGTGCAGACTGGGGCTCACTGCTGGGAGTATC
 CAGTGGCCCCAGCCTCCAAGAGGATGCTCACAAGCCCAGCGGAGCTCTCAGAACCCCACTCTCTCTGG
 CTGGCTACCCCCAGAACTCCTAGGTTTATGGACACACTGTGCCAGGTCCCCCAAGAATGCTCAGACAA
 AGGCCACAGCTGGAGACTGAGGAGACAGTGGAGGAAGAGAGAGCAGCAGATGAGGAAGAGAGGAGAAAGA
 CTGAAGCTCTGAGCGAGATCGAGGTTCTGAGGGAGGCCAGGAGCCAGTGGTCCCTCATGCTGTCTTC
 AGAGCTCTCCCTAGAAGCAGCAGAAGATGAAAAGTCTCGTACTAGCCTCATCCCCCAGAATGGTGGGCC
 TGGTCTGAGGAGGGGCAGCCCGAGCCCCCTGCACTGCCATGCTGCCTGAACTTCTGAACTGCCATGG
 AGATGCCCCAAGGCCTGAACTCTCTTCAAGGCTGTGCTCAGGGCAGTAGCACTGAACTGCAGGCCAA
 CAAGGAGCTGGACTTCAGCAGCCTGGTCCCCCTCTCAGCCCCGAAAGTTGGCTTCTCGGGTCTTCTAT
 CTGCTCTTGGTGTGTCCACACAGAAGATCCTTCTTGGAACAACAGAAGCCATATGGGCCCTCTGA
 TTCGCTCTGGACCAAATTCCCC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209218 protein sequence
 Red=Cloning site Green=Tags(s)

MFYYPNVLQRHTGCFATIWLAATRGSRLVKREYLNVNVTCEEILNYVLVRVQPPVAGLPRPRFSLYLS
 AQLQIGIVRVYFQCCQYLVEDIQHILEHLHRAQLRIRIDMEEADLPSTLLPNCLAMMETLEDAPEPFFGK
 MSVDPRLPSPFDIPQIRHLLEAATPEKTRKETLPEATPDPRKPDRTLATVQSPEVITLQEAEPIMLQIE
 GEQDLPEISRGDLELLIAEKDDAILLEERQGRLLRQRASLPDESREEPRALEGAGLVSALSPAPAQ
 VEGIQEALPGQVFPPEVQKMTGWEFGALLTEVTPPQELRLPAPPSTEKRLPSLQRLPRRHRRLQLLFWD
 KETQISREKFEEQLQTGAHCWEYPVAQPPKRLTSPAELFRPTLSGLWPPELLGLWTHCAQVPQRMRLQ
 RPQLETEETVEEERADEEERRKTEALSEIEVLREAQEPSGPLMLSSELSLEAAEDEKSRSLIPPEWWA
 WSEEGQPEPPALPMLPELPEVPMEMPPRPELSSEAVLRAVALKLQANKELDFSSLVPPLSPRKLASRVFY
 LLLVLSTQKILLVEQKPYGPLLIRPGPKFP

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_020002
ORF Size:	1773 bp
Buffer:	PBS with 0.001% Pluronic F333
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_020002.2, NP_064386.2</u>
RefSeq Size:	2055 bp
RefSeq ORF:	1776 bp
Locus ID:	56739
UniProt ID:	<u>Q8C5S7</u>
Cytogenetics:	14 28.19 cM
MW:	67.4 kDa