

Product datasheet for **RC200132A1V**

Human REC8 (NM_005132) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human REC8 (NM_005132) AAV Particle
Tag:	Myc-DDK
Symbol:	REC8
Synonyms:	HR21spB; REC8L1; Rec8p
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200132 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTTCTACTATCCCAACGTGCTTCAGCGCCACACCGGCTGCTTTGCCACCATCTGGCTGGCGGCGACT
 GCGGCAGCCGGTTGGTGAAGCGGAATACCTGAGGGTGAATGTGGTGAAAACCTGCGAGGAAATCCCTCAA
 TTACGTGCTGGTACGAGTGCAACCCCGCAGCCCGGCCTGCCGCGGCCCGCTTCTCCCTCTATCTCTCA
 GCCCAACTTCAGATCGGTGTGATCCGCGTCTATTCTCAACAATGCCAGTACCTCGTGAGGACATCCAGC
 ACATCTTGAGCGCCTCCACCGTCCCAGCTGCAGATCCGAATAGATA TGGAGACTGAGCTACCCAGCCT
 GCTGCTTCTAACACCTGGCCATGATGGAGACCCTAGAAGATGCTCCAGATCCCTTTTTTTGGGATGATG
 TCTGTGGATCCAGACTTCTAGTCCTTTGATATCCCTCAGATTCGACACCTCTTAGAGGCTGCAATCC
 CAGAGAGAGTTGAAGAGATCCCTCCTGAAGTTCTACAGAGCCAGGGAGCCAGAGAGGATTCGGGTGAC
 TGTGCTGCCACCTGAGGCCATCACGATCCTGGAGGCAGAGCCATACGGATGCTGGAGATTGAGGGTGAA
 CGGGAGCTCCCAGAGGTGAGCCGCCGAGAACTGGACCTGCTGATCGCAGAGGAAGAAGAGCTATCTTGT
 TAGAAATCCCGCGGCTCCACCTCCAGCTCCTGCAGAGGTGGAAGGAATAGGAGAGGCACTGGGTCTGA
 GGAGCTGAGGCTGACAGGCTGGGAACCTGGGGCCCTACTCATGGAGGTGACCCCCCGGAGGAGCTGCGT
 CTGCCAGCCCCACCCAGCCAGAGAGGAGGCCCCAGTCCCCCACCCTCTCGCCGCGCCGCTGTCGCC
 GGTTACTGTTCTGGGACAAGGAGACTCAGATCTCCCCGAGAAATTCAGGAACAACCTGCAAACCCAGAGC
 CCACTGCTGGGAATGTCTATGGTGCAGCCGCCGAGAGGACCATCAGAGGCCCTGCGGAGTTGTTTCTCAG
 ACCCAACTCTCTGCTGGCTGGCTACCCCTGAACTACTGGTCTCTGGACCCATTGTGCCAGCCACCCC
 CAAAAGCCCTCAGGCGAGAGCTGCCTGAGGAGGCAGCCGCTGAGGAGGAAGGAGAAAGATTGAAGTTCC
 AAGTGAGATTGAGGTCCCGAGGGAGGCCCTGGAGCCAGTGTTCCCTTATGGTGTCTTTAGAGATCTCC
 CTAGAGGCAGCTGAAGAGGAGAAGTCCCGCATCAGCCTCATCCCACAGAAAGACGGTGGGCTGGCCTG
 AGGTGGAGGCGCCAGAAGCTCCTGCATTGCCCGTGGTGCCTGAACTCCCTGAGGTGCCATGGAGATGCC
 TTTGGTGTGCCCCAGAGCTCGAGCTGCTCTCACTGGAAGCAGTGCACAGGGCAGTGGCACTGGAGCTG
 CAGGCTAACAGGGAGCCGACTTCAGCAGCCTGGTGTACCTCTCAGCCCCGCAGGATGGCTGCCCGGG
 TCTTCTACCTGCTCCTGGTGTCTCAGCGCAACAGATTCTTACGTGAAACAAGAAAAGCCATATGGTCG
 CCTCTGATCCAGCCGGGGCCAGATTCCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200132 protein sequence
 Red=Cloning site Green=Tags(s)

MFYYPNVLQRHTGCFATIWLAATRGSRLVKREYLRVNVVKTCEEILNYVLVVRVQPPQPLPRPRFSLYLS
 AQLQIGVIRVYSQCCQYLVEDIQHILERLHRAQLQIRIDMETELPSLLLPNHLAMMETLEDAPDPFFGMM
 SVDPRLPSPFDIPQIRHLLAAIPERVEEIPPEVPTPEPERIPVTVLPPEAITILEAEPIRMLEIEGE
 RELPEVSRRELDLLIAEEEEAILLEIPRLPPPAPAEVEGIGEALGPEELRLTGWEPGALLMEVTPPEELR
 LPAPPSPEPRPPVPPPPRRRRRRLLFWDKETQISPEKFQEQLQTRAHCWECMPVQPPERTIRGPAELFR
 TPTLSGWLPELLGLWTHCAQPPPKALRRELPEEAAAEEERRKIEVPSEIEVPREALEPSVPLMVSLEIS
 LEAAEEKSRISLIPPEERWAWPEVEAPEALPVVPELPEVPMEMPLVLPPELELLSLEAVHRAVALEL
 QANREPDFSSLVSPRPRMAARVYLLLVLSAQQILHVKQEKPYGRLLIQPGPRFH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_005132

ORF Size:	1641 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_005132.2</u>
RefSeq Size:	2253 bp
RefSeq ORF:	1644 bp
Locus ID:	9985
UniProt ID:	<u>O95072</u>
Cytogenetics:	14q12
MW:	62.6 kDa