

Product datasheet for **RC224655A1V**

Human RAE1 (NM_003610) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RAE1 (NM_003610) AAV Particle
Tag:	Myc-DDK
Symbol:	RAE1
Synonyms:	dj481F12.3; dj800J21.1; Gle2; MIG14; Mnrp41; MRNP41
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC224655 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGAGCCTGTTTGAACAACCTCAGGTTTTGAACCACTGGGACCAGCATGTTTGGCAGTGCAACTACAG
ACAATCACAATCCCATGAAGGATATTGAAGTAACATCATCTCCTGATGATAGCATTGGTTGTCTGTCTTT
TAGCCACCAACCTTGCCGGGAACTTTCTATTGCAGGATCATGGGCTAATGATGTTTCGCTGCTGGGAA
GTTCAAGACAGTGGACAGACCATTCCAAAGCCAGCAGATGCACACTGGGCTGTGCTTGATGTCTGCT
GGAGTGACGATGGGAGCAAAGTGTTCACGGCATCGTGTGATAAACTGCCAAATGTGGACCTCAGCAG
TAACCAAGCGATACAGATCGCACAGCATGATGCTCCTGTATAAACCATCCATTGGATCAAAGCTCCAAAC
TACAGCTGTGTGATGACTGGGAGCTGGGATAAGACTTTAAAGTTTTGGGATACTCGATCGTCAAATCCTA
TGATGGTTTTGCAACTCCCTGAAAGGTGTACTGTGCTGACGTGATATACCCCATGGCTGTGGTGGCAAC
TGCAGAGAGGGGCTGATTGTCTATCAGCTAGAGAATCAACCTTCTGAATTCAGGAGGATAGAATCTCCA
CTGAAACATCAGCATCGGTGTGTGGCTATTTTTAAAGACAAACAGAACAGCCTACTGGTTTTGCCCTGG
GAAGTATCGAGGGGAGAGTTGCTATTCATATCAACCCCCGAACCCGCCAAAGATAACTTCACCTT
TAAATGTCATCGATCTAATGGAACCAACACTTCAGCTCCTCAGGACATTTATGCGGTAATGGAATCGCG
TTCCATCTGTTCATGGCACCTTGCAACTGTGGGATCTGATGGTAGATTCAGCTTCTGGGACAAAGATG
CCAGAACAAAACATAAACTTCGGAACAGTTAGATCAGCCCATCTCAGCTTGCTGTTTCAATCACAATGG
AAACATATTTGCATACGCTTCCAGCTACGACTGGTCAAAGGGACATGAATTTTATAATCCCCAGAAAAA
AATTACATTTTCTGCGTAATGCAGCCGAAGAGCTAAAGCCAGGAATAAGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC224655 protein sequence Red=Cloning site Green=Tags(s) MSLFGTTSFGFTSGTSMFGSATTDNHNPMKDIEVTSSPDDSIGCLSFSPPTLPGNFLIAGSWANDVRCWE VQDSGQTIPKAQQMHTGPVLDVCWSDDGSKVFTASCDKTAKMWDLSSNQAIQIAQHDAPVKTIHWIKAPN YSCVMTGSDKTLKFWDTRSSNPMMLQLPERCYCADVIYPMVAVATAERGLIVYQLENQPFRRRIESP LKHQHRCVAIFKDKQNKPTGFALGSIEGRVAIHYNPPNPAKDNFTFKCHRSNGTNTSAPQDIYAVNGIA FHPVHGTLATVGSDFGRFSFWDKDKARTKLKTSQQLDQPIISACCFNHNGNIFAYASSYDWSKGHEFYNPQKK NYIFLRNAAEELKPRNKK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003610
ORF Size:	1104 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:	NM_003610.3
RefSeq Size:	1815 bp
RefSeq ORF:	1107 bp
Locus ID:	8480
UniProt ID:	P78406
Cytogenetics:	20q13.31
MW:	41 kDa