

Product datasheet for **RC220417A1V**

Human RAGE (AGER) (NM_172197) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RAGE (AGER) (NM_172197) AAV Particle
Tag:	Myc-DDK
Symbol:	RAGE
Synonyms:	RAGE; SCARJ1; sRAGE
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC220417 representing NM_172197 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCAGCCGGAACAGCAGTTGGAGCCTGGGTGCTGGTCTCAGTCTGTGGGGGCAGTAGTAGGTGCTC
AAAACATCACAGCCCGGATTGGCGAGCCACTGGTGTGAAGTGTAAAGGGGCCCAAGAAACCACCCCA
GCGGCTGGAATGGAACTGGGAGGAGGCCCTGGGACAGTGTGGCTCGTGTCTCCCAACGGTCCCTC
TTCCTCCGGCTGTCGGGATCCAGGATGAGGGATTTCCGGTGCCAGGCAATGAACAGGAATGAAAGG
AGACCAAGTCCAACACCGAGTCCGTGTCTACCAGATTCTGGGAAGCCAGAAATGTAGATTCTGCCTC
TGAACACAGGCTGGTGTTCCTAATAAGGTGGGACATGTGTGCAGAGGGAAGCTACCTGCAGGGACT
CTTAGCTGGCACTTGGATGGGAAGCCCTGGTGCCTAATGAGAAGGGAGTATCTGTGAAGGAACAGACCA
GGAGACACCCCTGAGACAGGGCTTTCACACTGCAGTCGGAGCTAATGGTGACCCAGCCCGGGGAGGAGA
TCCCGTCCCACCTTCTCCTGTAGCTTCAGCCAGGCCTTCCCCGACACCGGGCCTTGCACAGCCCCC
ATCCAGCCCCGTGTCTGGGAGCCTGTGCCTCTGGAGGAGTCCAATTGGTGGTGGAGCCAGAAGGTGGAG
CAGTAGCTCCTGGTGAACCGTAACCCCTGACCTGTGAAGTCCCTGCCAGCCCTCTCCTCAAATCCACTG
GATGAAGGATGTGAGTGACCTGGAGAGAGGGGCTGGGAGAACCAGGCGAGGAGGGGCCAACTGCAGGCTC
TGTGGGAGGATCAGGGCTGGGAACCTTAGCCCTGGCCCTGGGGATCCTGGGAGGCTGGGGACAGCCGCC
CTGCTCATTGGGGTCATCTTGTGGCAAAGGCGCAACGCCGAGGAGAGGAGAGGAAGGCCCCAGAAAACC
AGGAGGAAGAGGAGGAGCGTGCAGAACTGAATCAGTCGGAGGAACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC220417 representing NM_172197 Red=Cloning site Green=Tags(s) MAAGTAVGAWVLVLSLWGAVVGAQNITARIGEPLVLKCKGAPKKPPQRLEWKLGGGPWDSVARVLPNGSL FLPAVGIQDEGIFRCQAMNRNGKETKSNYRVRVYQIPGKPEIVDSASELTAGVPNKVGTCSYSEGSYPAGT LSWHLDGKPLVPNEKGVSVKEQTRRHPETGLFTLQSELMVTPARGGDRPTFSCSFSPGLPRHRALRTAP IQPRVWEPVPLEEVQLVVEPEGGAVAPGGTVTLTCEVPAQPSPQIHWMKDVSDLERAGRTRRGANCRL CGRIRAGNSSPGPGDPRPGDSRPAHWGHLVAKAATPRRGEEGPRKPGGRGGACRTESVGTT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_172197
ORF Size:	1026 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_172197.2 , NP_751947.1
RefSeq Size:	1259 bp
RefSeq ORF:	1029 bp
Locus ID:	177
UniProt ID:	Q15109
Cytogenetics:	6p21.32
MW:	34 kDa