

## Product datasheet for **RC204664A1V**

### Human RAGE (AGER) (NM\_001136) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human RAGE (AGER) (NM\_001136) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** RAGE  
**Synonyms:** RAGE; SCARJ1; sRAGE  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC204664 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGCAGCCGGAACAGCAGTTGGAGCCTGGGTGCTGGTCTCAGTCTGTGGGGGCAGTAGTAGGTGCTC  
AAAACATCACAGCCCGGATTGGCGAGCCACTGGTGTGAAGTGTAAAGGGGCCCCAAGAAACCACCCCA  
GCGGCTGGAATGGAACTGAACACAGGCCGGACAGAAGCTTGAAGGTCTGTCTCCCCAGGGAGGAGGC  
CCCTGGGACAGTGTGGCTCGTGTCTTCCCAACGGCTCCCTCTTCCTCCGGCTGTGGGATCCAGGATG  
AGGGGATTTTCCGGTCCAGGCAATGAACAGGAATGGAAGGAGACCAAGTCCAACCTACCGAGTCCGTGT  
CTACCAGATTCCCTGGGAAGCCAGAAATTGTAGATTCTGCCTCTGAACCTCACGGCTGGTGTTCCTCAATAAG  
GTGGGGACATGTGTGTCAGAGGGAAGCTACCCTGCAGGGACTCTTAGCTGGCACTTGGATGGGAAGCCCC  
TGGTGCCTAATGAGAAGGGAGTATCTGTGAAGGAACAGACCAGGAGACACCCTGAGACAGGGCTCTTCAC  
ACTGCAGTCGGAGCTAATGGTGACCCCGCCGGGAGGAGATCCCCGTCCCACCTTCTCCTGTAGCTTC  
AGCCAGGCCTTCCCCGACACCGGGCCTTGCACAGCCCCCATCCAGCCCCGTGTCTGGGAGCCTGTGC  
CTCTGGAGGAGTCCAATTGGTGGTGGAGCCAGAAGGTGGAGCAGTAGCTCCTGGTGAACCGTAACCTT  
GACCTGTGAAGTCCCTGCCAGCCCTCTCCTCAAATCCACTGGATGAAGGATGGTGTGCCCTTGCCCTT  
CCCCCAGCCCTGTGCTGATCCTCCCTGAGATAGGGCCTCAGGACCAGGGAACCTACAGCTGTGTGGCA  
CCCATTCAGCCACGGGCCCCAGGAAAGCCGTGCTGTCAGCATCAGCATCATCGAACAGGCGAGGAGGG  
GCCAACTGCAGGCTCTGTGGGAGGATCAGGGCTGGGAACCTTAGCCCTGGCCCTGGGGATCCTGGGAGGC  
CTGGGGACAGCCGCCCTGCTCATTGGGGTTCATCTTGTGGCAAAGGCGGCAACGCCAGGAGAGGAGAGGA  
AGGCCCCAGAAAACCAGGAGGAAGAGGAGGAGCGTGCAGAACTGAATCAGTCGGAGGAACCTGAGGCAGG  
CGAGAGTAGTACTGGAGGGCCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



<b>Protein Sequence:</b>	<p>&gt;RC204664 protein sequence  <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MAAGTAVGAWVLVLSLWGAVVGAQNITARIGEPLVLKCKGAPKKPPQRLEWKLNTGRTEAWKVLSPQGGG  PWDSVARVLPNGSLFLPAVGIQDEGIFRCQAMNRNGKETKSNYRVRVYQIPGKPEIVDSASELTAGVPNK  VGTCVSEGSYPAGTLSWHLDGKPLVPNEKGVSVKEQTRRHPEGLFTLQSELMVTPARGGDPRTFSCSF  SPGLPRHRALRTAPIQPRWEPVPLEEVQLVVEPEGGAVAPGGTVTLTCEVPAQPSPQIHWKMDGVPLPL  PPSPVLILPEIGPDQGTYSVATHSSHGPEESRAVSISIIIEPGEEGPTAGSVGGSLGLTALALGILGG  LGTAAALLIGVILWQRRQRREERKAPENQEEEEERAELNQSEEPAGESTGGP</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLI</span><span style="color: green;">SEEDLAANDILDYKDDDDKV</span></p>
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_001136
<b>ORF Size:</b>	1212 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001136.3</a>
<b>RefSeq Size:</b>	1508 bp
<b>RefSeq ORF:</b>	1215 bp
<b>Locus ID:</b>	177
<b>UniProt ID:</b>	<a href="#">Q15109</a>
<b>Cytogenetics:</b>	6p21.32
<b>MW:</b>	42.8 kDa