

Product datasheet for **RC212259A1V**

Human MRAS (NM_012219) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human MRAS (NM_012219) AAV Particle
Tag: Myc-DDK
Symbol: MRAS
Synonyms: M-RAs; NS11; R-RAS3; RRAS3
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC212259 representing NM_012219
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCAACCAGCGCCGTCCTCCAGTGACAACCTCCACATACAAGCTGGTGGTGGTGGGGGATGGGGGTG
 TGGGCAAAAGTGCCCTCACCATCCAGTTTTCCAGAAGATCTTTGTCCTGACTATGACCCACCATTTGA
 AGACTCCTACCTGAAACATACGAGATTGACAATCAATGGGCCATCTTGACGTTCTGGACACAGCTGGG
 CAGGAGGAATTCAGCGCCATGCGGGAGCAATACATGCGCACGGGGGATGGCTTCCTCATCGTCTACTCCG
 TCACTGACAAGGCCAGCTTTGAGCACGTGGACCGCTTCCACAGCTTATCCTGCGCGTCAAAGACAGGGA
 GTCATTTCCCGATGATCCTCGTGGCCAACAAGGTCGATTTGATGCACTTGAGGAAGATCACCAGGGAGCAA
 GGAAAAGAAATGGCGACCAACACAATACTCCGTACATAGAAACCAAGTGCCAAGGACCCACCTCTCAATG
 TCGACAAAGCCTTCCATGACCTCGTTAGAGTAATTAGGCAACAGATTCCGGAAAAAGCCAGAAGAAGAA
 GAAGAAAACCAATGGCGGGGAGACCGGCCACAGGCACCCACAACTGCAATGTGTGATCTTG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC212259 representing NM_012219
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MATSAVPSDNLPTYKL VVVG DGGVGKSALTIQFFQKIFVPDYDPTIEDSYLKHTEIDNQWAILDVLDTAG
 QEEFSAMREQYMR TGDGFLIVSVTDKASFHVDRFHLILRVKDRESFPMILVANKV DLMHLRKITREQ
 GKEMATKHNTPIYIETSAKDPPLNVDKAFHDLVRVIRQQIPEKSQKKKKKTKWRGDRATGTHKLQCVIL*

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human



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Serotype:	AAV-2
ACCN:	NM_012219
ORF Size:	624 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_012219.2</u>
RefSeq Size:	3926 bp
RefSeq ORF:	627 bp
Locus ID:	22808
UniProt ID:	<u>O14807</u>
Cytogenetics:	3q22.3
MW:	23.7 kDa