

Product datasheet for **RC200737A1V**

Human A RAF (ARAF) (NM_001654) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human A RAF (ARAF) (NM_001654) AAV Particle
Tag:	Myc-DDK
Symbol:	ARAF
Synonyms:	A-RAF; ARAF1; PKS2; RAFA1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC200737 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGAGCCACCACGGGGCCCCCTGCCAATGGGGCCGAGCCATCCCGGGCAGTGGGCACCGTCAAAGTAT
 ACCTGCCCAACAAGCAACGCACGGTGGTGACTGTCCGGGATGGCATGAGTGTCTACGACTCTTAGACAA
 GGCCCTGAAGGTGCGGGGTCTAAATCAGGACTGCTGTGTGGTCTACCGACTCATCAAGGGACGAAGACG
 GTCACGTGCTGGGACACAGCCATTGCTCCCCTGGATGGCGAGGAGCTCATTGTCGAGGTCTTGAAGATG
 TCCCGCTGACCATGCACAATTTGTACGGAAGACCTTCTTCAGCCTGGCGTTCTGTGACTTCTGCCTTAA
 GTTTCTGTTCCATGGCTTCCGTTGCCAAACCTGTGGCTACAAGTTCACCAGCATTGTTCTCCAAGGTC
 CCCACAGTCTGTGTTGACATGAGTACCAACCGCCAACAGTTCTACCACAGTGTCCAGGATTTGTCGGAG
 GCTCCAGACAGCATGAGGCTCCCTCGAACCGCCCCCTGAATGAGTTGCTAACCCCCAGGGTCCCAGCCC
 CCGCACCCAGCACTGTGACCCGGAGCACTTCCCTTCCCTGCCCCAGCCAATGCCCCCTACAGCGCATC
 CGCTCCACGTCCACTCCAACGTCCATATGGTCAGCACACCGCCCCCATGGACTCCAACCTCATCCAGC
 TCACTGGCCAGAGTTTACGACTGATGTGCCGGTAGTAGAGGAGGTAGTGATGGAACCCCCCGGGGAG
 CCCCAGCCCAGCCAGCGTGTCTCGGGGAGGAAGTCCCCACATTTCAAGTCACCAGCAGAGCAGCGCAG
 CGGAAGTCCTTGGCCGATGACAAGAAGAAAGTGAAGAACCTGGGGTACCGGGACTCAGGCTATTACTGGG
 AGGTACCACCCAGTGAGGTGCAGCTGCTGAAGAGGATCGGGACGGGCTCGTTTGGCACCGTGTTCGAGG
 GCGGTGGCATGGCGATGTGGCCGTGAAGGTGCTCAAGGTGTCCAGCCCCAGCTGAGCAGGCCCAGGCT
 TTCAAGAATGAGATGCAGGTGCTCAGGAAGACGCGACATGTCAACATCTTGCTGTTTATGGGCTTCATGA
 CCCGGCCGGGATTTGCCATCATCACACAGTGGTGTGAGGGCTCCAGCCTTACCATCACCTGCATGTGGC
 CGACACACGCTTCGACATGGTCCAGCTCATCGACGTGGCCCGGAGACTGCCCAGGGCATGGACTACCTC
 CATGCCAAGAACATCATCCACCGAGATCTCAAGTCTAACAACATCTTCTACATGAGGGGCTCACGGTGA
 AGATCGGTGACTTTGGCTTGGCCACAGTGAAGACTCGATGGAGCGGGGCCAGCCCTTGGAGCAGCCCTC
 AGGATCTGTGCTGTGGATGGCAGCTGAGGTGATCCGATGCAGGACCCGAACCCCTACAGCTTCCAGTCA
 GACGTCTATGCCTACGGGGTTGTGCTCTACGAGCTTATGACTGGCTCACTGCCTTACAGCCACATTGGCT
 GCCGTGACCAGATTATCTTTATGGTGGCCGTGGCTATCTGTCCCGGACCTCAGCAAAATCTCCAGCAA
 CTGCCCAAGGCCATGCGGCGCCTGCTGTCTGACTGCCTCAAGTTCAGCGGGAGGAGCGGCCCTCTTC
 CCCCAGATCCTGGCCACAATTGAGCTGCTGCAACGGTCACTCCCCAAGATTGAGCGGAGTGCCTCGGAAC
 CCTCTTGACCCGACCCAGGCCGATGAGTTGCCTGCCTACTCAGCGCAGCCGCCTTGTGCCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200737 protein sequence
 Red=Cloning site Green=Tags(s)

MEPPRGPPANGAEPsRAVGTVKVVLPNKQRTVVTVRDGMSVYDSLKALKVRGLNQDCCVVYRLIKGRKT
 VTAWDTAIAPLDGEELIVEVLEDVPLTMHNFVRKTFSLAFCDCLKFLFHGFRQCQGYKFHQHCSSKV
 PTVCDVMSTNRQQFYHSVQDLSGGSRQHEAPSNRPLNELLTPQGSPRTQHCDPEHFFPAPANAPLQRI
 RSTSTPNVHMVSTTAPMDSNL IQLTGQSFSTDAAGSRGSDGTPRGSPSPASVSSGRKSPHSKSPAEQRE
 RKSLADDKKVKNLGYRDSGYWEVPPSEVQLLKRI GTGSFGTVFRGRWHGDVAVKVLKVSQPTAEQAQA
 FKNEMQVLRKTRHVNILLFMGMFTRPGFAITQWCEGSSLYHHLHVADTRFDMVQLIDVARQTAQGMDYL
 HAKNIIHRDLKSNNIFLHEGLTVKIGDFGLATVKTRWSGAQPLEQPSGSVLWMAAEVIRMQDPNPYSFQS
 DYYAYGVVL YELMTGSLPYSHIGCRDQIIFMVGRGYLSPDL SKISSNCPKAMRRLLSDCLKFQREERPLF
 PQILATIELLQRLPKIERSASEPSLHRTQADELPACLLSAARLVP

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001654
ORF Size:	1818 bp
Buffer:	PBS with 0.001% Pluronic F5105
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_001654.1</u>
RefSeq Size:	2562 bp
RefSeq ORF:	1821 bp
Locus ID:	369
UniProt ID:	<u>P10398</u>
Cytogenetics:	Xp11.3
MW:	67.6 kDa