

Product datasheet for **RC222689A1V**

Human **MACROD2 (NM_080676) AAV Particle**

Product data:

Product Type: AAV Particles
Product Name: Human MACROD2 (NM_080676) AAV Particle
Tag: Myc-DDK
Symbol: MACROD2
Synonyms: C2orf133; C20orf133
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC222689 representing NM_080676
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTACCCAGCAACAAGAAGAAAAAGGTGTGGAGAGAGGAGAAAGAACGTTTATTGAAGATGACCTTAG
 AAGAGAGACGCAAGAATACCTAAGAGACTATATCCCCTGAACAGCATTCTGTCATGGAAGGAGGAGAT
 GAAGGGCAAGGGCCAAAATGATGAAGAAAATACTCAGGAAACATCCCAGGTGAAGAAAAGTTTGACTGAA
 AAAGTTTCTCTATAGAGGTGACATCACATTGCTAGAGGTAGATGCTATAGTCAATGCCGCAATGCCA
 GTCTTCTGGAGGAGGAGGTGTGGATGGCTGTATTTCATAGAGCAGCCGCCCTGTTTGTAGTGAATG
 TCGTAACCTGAATGGCTGTGATACTGGACATGCAAAAATCACATGTGGCTATGACCTTCCGCAAAATAT
 GTCATCCATACTGTAGGGCCAATAGCCAGGGGCCATTAATGGTTCCACAAGGAAGACCTTGCAAAT
 GCTATAAATCATCTCTGAAGCTCGTGAAGAAAATAACATCCGATCAGTTGCATTTCCCTGCATCTCAAC
 AGGCATTTATGGCTTTCCCAACGAGCCTGCTGCAGTCATTGCCCTCAACACCATTAAGGAATGGCTTGCC
 AAGAATCACCATGAGGTGGATCGGATCATTTTCTGTGTCTTCTAGAAGTTGACTTCAAATCTACAAA
 AGAAAAATGAATGAGTTTTTCTCCGTAGACGATAAATGAAGAAGAAGAGGATGTTGAAATGAAAGAAGA
 TTCAGATGAGAACGGTCCAGAGGAGAAGCAAAGTGTGGAAGAAAATGGAAGAGCAGAGCCAAGATGCAGAT
 GGTGTCAACACTGTCACTGTGCCGGCCCTGCTTCAGAAGAGGCAGTTGAAGACTGTAAGATGAAGATT
 TTGCAAAGGATGAAAATATTACAAAAGGCGGTGAAGTGACAGATCATTCTGTGCGTGACCAAGATCATCC
 CGATGGACAAGAGAATGATTC AACGAAGAATGAAATAAAAATTGAAACAGAATCGCAGAGCTCATATAG
 GAAACAGAAGAACTTTTCATCAAACCAAGAAGATGCCGTGATTGTGGAGCAACCAGAAGTATTCCATTA
 CAGAGGACCAAGAAGAAAAAGAGGTGAAAAAGCTCCAGGCGAGGACACACCTAGGATGCCTGGGAAAAG
 TGAAGGCTCCAGTGACCTAGAAAATACTCCAGGTCTGATGCAGGGGCACAAGATGAAGCGAAGGAACAA
 AGAAATGGAACTAAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC222689 representing NM_080676 Red=Cloning site Green=Tags(s) MYP SNKKKKVWREEKERLLKMTLEERRKEYLRDYIPLNSILSWKEEMKGGQND EENTQETSQVKKSLTE KVSLYRGDITLLEVD AIVNAANASLLGGGGVDGCIHRAAGPCLLAECRNLNGCDTGHAKITCGYDLPAKY VIHTVGP IARGHINGSHKEDLANCYKSSLKLVKENNIRSVAFPCISTGIYGFNP EPAAVIALNTIKEWLA KNHHEVDRIIFCVFLEVDFKIYKKKMNEFFSVDDNNEEEEDVEMKEDSDENGPEEKQSVEEMEEQSQDAD GVNTVTVPGPASEEAVEDCKDEDFAKDENITKGGEVTDHSVRDQDHPDGQENDSTKNEIKIETESQSSYM ETEELSSNQEDAVIVEQPEVIPLTEDQEEKEGEKAPGEDTPRMPGKSEGSSDLENTPGPDAGAQDEAKEQ RNGTK TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_080676
ORF Size:	1275 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_080676.5 , NP_542407.2
RefSeq Size:	4863 bp
RefSeq ORF:	1278 bp
Locus ID:	140733
UniProt ID:	A1Z1Q3
Cytogenetics:	20p12.1
MW:	47.2 kDa