

Product datasheet for **RC227351A1V**

Human EGR2 (NM_001136178) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	EGR2
Synonyms:	AT59I; CHN1; CMTID; CMT4E; KROX20
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC227351 representing NM_001136178
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGATGACCGCCAAGCCGTAGACAAAATCCCAGTAACCTCTCAGTGGTTTGTGCACCAGCTGTCTGACA
 ACATCTACCCGGTGGAGGACCTCGCCGCCACGTGGTGACCATCTTTCCCAATGCCGAAGTGGGAGGCC
 CTTTGACCATGAACGGAGTGGCCGGAGATGGCATGATCAACATTGACATGACTGGAGAGAAGAGGTCTG
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 CCCAACCCACTGGCCACAGGACCCCTGGGTGTGTGCACCATGTCCAGACCCAGCCTGACCTGGACCACC
 TGTACTCTCCGCCACCGCCTCTCTCTTATTCTGGCTGTGCAGGAGACCTTACCAGGACCCCTCTGC
 GTTCTGTGCAGCAGCCACCCTCCACCTCTCTCTCTGGCTACCCACCACCTCTCTCTATCCATCC
 CCCAAGCCAGCCACGGACCCAGGTCTCTTCCCAATGATCCAGACTATCCTGGATTCTTTCCATCTCAGT
 GCCAGAGAGACCTACATGGTACAGCTGGCCAGACCGTAAGCCCTTTCCCTGCCCACTGGACACCCTGCG
 GGTGCCCTCCACTCACTCCACTCTCTACAATCCGTAACCTTTACCTGGGGGGCCCAAGTCTGGGGTG
 ACCGGACAGGGGCCAGTGGAGGCAGCGAGGGACCCCGGCTGCCTGGTAGCAGCTCAGCAGCAGCAGCAG
 CCGCCGCCCGCCCGCTATAACCCACACCACCTGCCACTGCGGCCCATTTCTGAGGCCTCGCAAGTACCC
 CAACAGACCCAGCAAGACGCCGGTGACGAGAGGCCCTACCCGTGCCAGCAGAAGGCTGCGACCGGCGG
 TTCTCCCGCTCTGACGAGCTGACACGGCACATCCGAATCCCACTGGGCATAAGCCCTTCCAGTGTGGA
 TCTGCATGCGCACTTACGCCGAGTACCACCTCACCACCCATATCCGCACCCACACCGGTGAGAAGCC
 CTTGCGCTGTGACTACTGTGGCCGAAAGTTTGCCCGGAGTGATGAGAGGAAGCGCCACACCAAGATCCAC
 CTGAGACAGAAAGAGCGGAAAGCAGTGCCCCCTCTGCATCGGTGCCAGCCCCCTCTACAGCCTCTCTGCT
 CTGGGGGCGTGCAGCCTGGGGTACCCTGTGCAGCAGTAACAGCAGCAGTCTTGGCGGAGGGCGCTCGC
 CCCTTGCTCTCTCGGACCCGGACACCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC227351 representing NM_001136178
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MMTAKAVDKIPVTLSGFVHQLSDNIYPVEDLAATSVTIFPNAELGGPFDQMNGVAGDGMINIDMTGEKRS
 LDLPYPSSFAPVSAAPRNQFTTYMGKFSIDPQYPGASCYPEGIINIVSAGILQGVTSASTTASSSVTSAS
 PNPLATGPLGVCTMSQTQPDLDHLYSPPPPPPYSGCAGDLYQDPSAFLSAATTSTSSSLAYPPPPSYPS
 PKPATDPGLFPMIPDYPGFFPSQCQRDLHGTAGPDRKPFPCPLDLRVPPPLTPLSTIRNFTLGGPSAGV
 TGPASGGSEGPRLPGSSSSAAAAAAYNPHHLPLRPILRPRKYPNRPSTKTPVHERPYPCPAEGCDDR
 FSRDELTRHIRIHTGHKPFQCRICMRNFSRSDHLTTHIRHTGEKPFACDYCRKFARSDEKRRHTKIH
 LRQKERKSSAPSASVPAPSTASCSSGVQPGGTLCSNSSLGGPLAPCSSRTRTP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001136178

ORF Size: 1428 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_001136178.1 , NP_001129650.1
RefSeq ORF:	1431 bp
Locus ID:	1959
UniProt ID:	P11161
Cytogenetics:	10q21.3
MW:	50.1 kDa