

Product datasheet for **RC227414A1V**

Human EGR2 (NM_001136179) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	EGR2
Synonyms:	AT591; CHN1; CMTID; CMT4E; KROX20
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC227414 representing NM_001136179
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGAACGGAGTGGCCGGAGATGGCATGATCAACATTGACATGACTGGAGAGAAGAGGTCGTTGGATCTCC
CATATCCAGCAGCTTTGCTCCGCTCTGCACCTAGAAACCAGACCTTCACTTACATGGGCAAGTTCTC
CATTGACCCTCAGTACCCTGGTGCCAGCTGCTACCCAGAAGGCATAATCAATATTGTGAGTGCAGGCATC
TTGCAAGGGGTCACTTCCCCAGCTTCAACCACAGCCTCATCCAGCGTCACCTCTGCCTCCCCAACCCAC
TGGCCACAGGACCCTGGGTGTGTGCACCATGTCCAGACCCAGCCTGACCTGGACCACCTGTACTCTCC
GCCACCGCTCCTCCTCTTATTCTGGCTGTGCAGGAGACCTTACCAGGACCTTCTGCGTTCTGTCA
GCAGCCACCACCTCCACCTCTTCTCTCTGGCCTACCCACCACCTCCTTCTATCCATCCCCAACGCCAG
CCACGGACCCAGGTCTCTTCCAATGATCCAGACTATCCTGGATTCTTCCATCTCAGTGCCAGAGAGA
CCTACATGGTACAGCTGGCCAGACCGTAAGCCCTTCCCTGCCACTGGACACCTGCGGGTGCCCCCT
CCTCACTCACTCACTCTTACAATCCGTAACCTTACCCTGGGGGGCCCCAGTGCTGGGGTGACCGGACCAG
GGGCCAGTGGAGGAGCGAGGGACCCCGGCTGCCTGGTAGCAGCTCAGCAGCAGCAGCAGCCGCCCGC
CGCCGCTATAACCCACACCACTGCCACTGCGGCCATTCTGAGGCCTCGAAGTACCCCAACAGACCC
AGCAAGACGCCGTGCACGAGAGGCCCTACCCGTGCCAGCAGAAGGTCGACCGCGGTTCTCCCGCT
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CAACTTCAGCCGAGTGACCACTCACCACCATATCCGCACCCACACCGGTGAGAAGCCCTTCGCTGT
GACTACTGTGGCCGAAAGTTTGCCTGGAGTGATGAGAGGAAGCGCCACACCAAGATCCACCTGAGACAGA
AAGAGCGGAAAGCAGTGCCCTCTGCATCGGTGCCAGCCCTCTACAGCCTCTGCTCTGGGGCGT
GCAGCTGGGGTACCCTGTGCAGCAGTAACAGCAGCAGTCTTGGCGAGGGCCGCTCGCCCTTGCTCC
TCTCGACCCGGACACT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



Protein Sequence:	>RC227414 representing NM_001136179 Red=Cloning site Green=Tags(s) MNGVAGDGMINIDMTGEKRSLDLPYPSSFAPVSAPRNQTFITYMGKFSIDPQYPGASCYPEGIIINIVSAGI LQGVTSASTTASSSVTSASPNPLATGPLGVCTMSQTQPDLDHLYSPPPPPPYSGCAGDLYQDPSAFLS AATTSTSSSLAYPPPPSYSPKPATDPGLFPMIPDYPGFFPSQCQRDLHGTAGPDRKPFPCPLDLRVPP PLTPLSTIRNFTLGGPSAGVTGPGASGGSEGPRLPGSSSAAAAAAAAAYNPHHLPLRPILRPRKYPNRP SKTPVHERPYPCPAEGCDRRF SRSDDEL TRHIRIHTGHKPFQCRICMRNFSRSDHLTTHIRHTGKPFAC DYCGRKFA RSDERKRHTKIHLRQKERKSSAPSASVPAPSTASCSSGGVQPGGTLCSSNSSSLGGGLAPCS SRTRTP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001136179
ORF Size:	1278 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_001136179.1</u>
RefSeq ORF:	1281 bp
Locus ID:	1959
UniProt ID:	<u>P11161</u>
Cytogenetics:	10q21.3
MW:	44.8 kDa