

Product datasheet for **RC232835A1V**

Human ERG (NM_001243428) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ERG (NM_001243428) AAV Particle
Tag:	Myc-DDK
Symbol:	ERG
Synonyms:	erg-3; p55
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC232835 representing NM_001243428
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGATTACAGACTGTCCCGACCCAGCAGCTCATATCAAGGAAGCCTTATCAGTTGTGAGTGAGGACCAGT
 CGTTGTTTGTAGTGTGCCTACGGAACGCCACACCTGGCTAAGACAGAGATGACCGGTCCTCCTCCAGCGA
 CTATGGACAGACTTCCAAGATGAGCCCACGCGTCCCTCAGCAGGATTGGCTGTCTCAACCCAGCCAGG
 GTCACCATCAAAATGGAATGTAACCCTAGCCAGGTGAATGGCTCAAGGAACTCTCCTGATGAATGCAGTG
 TGGCCAAAGGCGGAAGATGGTGGCAGCCAGACACCGTTGGGATGAACTACGGCAGCTACATGGAGGA
 GAAGCACATGCCACCCCAACATGACCACGAACGAGCGCAGAGTTATCGTGCCAGCAGATCCTACGCTA
 TGGAGTACAGACCATGTGCGCAGTGGCTGGAGTGGGCGGTGAAAGAATATGGCCTTCCAGACGTCAACA
 TCTTGTATTCCAGAACATCGATGGGAAGGAAGTGTGCAAGATGACCAAGGACGACTTCCAGAGGCTCAC
 CCCAGCTACAACGCCGACATCCTTCTCTCACATCTCCACTACCTCAGAGAGACTCCTCTCCACATTTG
 ACTTCAGATGATGTTGATAAAGCCTTACAAAACCTCCACGGTTAATGCATGCTAGAAACACAGGGGGTG
 CAGCTTTTATTTCCAAATACTTCAGTATATCCTGAAGCTACGCAAAGAATTACAACACTAGGCCAGATTT
 ACCATATGAGCCCCCAGGAGATCAGCCTGGACCGGTCACGGCCACCCACGCCCCAGTCGAAAGCTGCT
 CAACCATCTCCTTCCACAGTGCCAAAACCTGAAGACCAGCGTCCCTCAGTTAGATCCTTATCAGATTTTG
 GACCAACAAGTAGCCGCTTGCAAAATCCAGGCAGTGGCCAGATCCAGCTTTGGCAGTTCTCCTGGAGCT
 CCTGTCCGACAGCTCAAACCTCCAGCTGCATCACCTGGGAAGGCCACCAACGGGGAGTTCAAGATGACGGAT
 CCCGACGAGGTGGCCCGGCTGGGGAGAGCGGAAGAGCAAACCAACATGAACTACGATAAGCTCAGCC
 CGCCCTCCGTTACTACTATGACAAGAACATCATGACCAAGGTCCATGGGAAGCGCTACGCTACAAGTT
 CGACTTCCACGGGATCGCCAGGCCCTCCAGCCCCACCCCGGAGTCATCTGTACAAGTACCCTCA
 GACCTCCCGTACATGGGCTCCTATCACGCCACCCACAGAAGTGAACTTTGTGGCGCCACCCCTCCAG
 CCCTCCCGTGACATCTTCCAGTTTTTTTGTGCCCAAACCCATACTGGAATTCACCAACTGGGGGTAT
 ATACCCCAACACTAGGCTCCCCACCAGCCATATGCCTTCTCATCTGGGCCTTACTAC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MIQTVDPAAHIKEALSVVSEDQSLFECAYGTPHLAKTEMTASSSSDYGQTSKMSPRVPPQDWSQPPAR
 VTIKMECNPSQVNGSRNSPDECSVAKGGKMGVSPDVTGMNYGSYMEEKHMPPPNMTTNERRIVPADPTL
 WSTDHVRQWLEWAVKEYGLPDVNILLFQNIIDGKELCKMTKDDFQRLTPSYNADILLSHLHYLRETPHPL
 TSDDVDKALQNSPRLMHARNTGGAAFIFPNTSVYPEATQRITTRPDLPEPPRRSAWTGHGHPTPQSKAA
 QPSPSTVPKTEDQRPQLDPYQILGPTSSRLANPGSGQIQLWQFLELLSDSSNSSCITWEGTNGEFKMTD
 PDEVARRWGERKSKPNMNYDKLSRALRYYYDKNIMTKVHGKRYAYKFDHFGIAQALQPHPPSSLYKYP
 DLPYMGSYHAHPQKMNFVAPHPALPVTSSSFFAAPNPYWSPTGGIYPNTRLPTSHMPSHLGTYY

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001243428

ORF Size:

1458 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_001243428.1</u> , <u>NP_001230357.1</u>
RefSeq Size:	5139 bp
RefSeq ORF:	1461 bp
Locus ID:	2078
UniProt ID:	<u>P11308</u>
Cytogenetics:	21q22.2
MW:	54.6 kDa