

Product datasheet for **RC204196A1V**

Human ERK1 (MAPK3) (NM_002746) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ERK1 (MAPK3) (NM_002746) AAV Particle
Tag:	Myc-DDK
Symbol:	ERK1
Synonyms:	ERK-1; ERK1; ERT2; HS44KDAP; HUMKER1A; p44-ERK1; p44-MAPK; P44ERK1; P44MAPK; PRKM3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC204196 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGGCGGGCGGCTCAGGGGGCGGGGGCGGGGAGCCCCGTAGAACCAGGGGGTTCGGCCCGGGG
TCCCGGGGAGGTGGAGATGGTGAAGGGGCGCCGTTTCGACGTGGGCCCGCGCTACACGCAGTTGCAGTA
CATCGGCGAGGGCGCGTACGGCATGGTCACTCGGCTATGACCACGTGCGCAAGACTCGCGTGGCCATC
AAGAAGATCAGCCCCTTCGAACATCAGACCTACTGCCAGCGCACGCTCCGGGAGATCCAGATCCTGCTGC
GCTTCCGCCATGAGAATGTCATCGGCATCCGAGACATTCTCGGGCGTCCACCCGGAAGCCATGAGAGA
TGTCTACATTGTGCAGGACCTGATGGAGACTGACCTGTACAAGTTGCTGAAAAGCCAGCAGCTGAGCAAT
GACCATATCTGCTACTTCTCTACCAGATCCTGCGGGGCTCAAGTACATCCACTCCGCCAACGTGCTCC
ACCGAGATCTAAAGCCCTCCAACCTGCTCATCAACACCACCTGCGACCTAAGATTTGTGATTTGCGGCT
GGCCCGGATTGCCGATCCTGAGCATGACCACACCGGCTTCTGACGGAGTATGTGGCTACGCGTGGTAC
CGGGCCCCAGAGATCATGCTGAACCTCAAGGGCTATACCAAGTCCATCGACATCTGGTCTGTGGGCTGCA
TTCTGGCTGAGATGCTCTTAACCGGCCATCTCCCTGGCAAGCACTACCTGGATCAGCTCAACCACAT
TCTGGCATCCTGGGCTCCCCATCCCAGGAGGACCTGAATTGTATCATCAACATGAAGGCCCGAAACTAC
CTACAGTCTCTGCCCTCAAGACCAAGTGGCTTGGGCAAGCTTTTCCCAAGTCAAGTCCAAAGCCC
TTGACCTGCTGGACCGGATGTTAACCTTAAACCCAATAAACGGATCACAGTGGAGGAAGCGCTGGCTCA
CCCCTACCTGGAGCAGTACTATGACCCGACGGATGAGCCAGTGGCCGAGGAGCCCTTACCTTCGCCATG
GAGCTGGATGACCTACCTAAGGAGCGGCTGAAGGAGCTCATCTCCAGGAGACAGCACGCTTCCAGCCCC
GAGTGTGGAGGCCCCC

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RC204196 protein sequence Red=Cloning site Green=Tags(s)</p> <p>MAAAAAQGGGGGEP RRTEGVGPGVPGEVEMVKGQPF DVGPRYTQLQYIGEGAYGMVSSAYDHVRKTRVAI KKISPF EHQTYCQRTLREIQILLRFRHENVIGIRDILRASTLEAMRDVYIVQDLMETDL YKLLKSQQLSN DHICYFLYQILRGLKYIHSANVLRDLKPSNLLINTTCDLKICDFGLARIADPEHDHTGFLTEYVATRWY RAPEIMLNSKGYTKSIDIWSVGCILAEMLSNRPIFP GKHYLDQLNHILGILGSPSQEDLNCIINMKARNY LQSLPSKTKVAVAKLFPKSDSKALDLLDRMLTFNPNKRITVEEALAHPLYEQYYDPTDEPVAEEPFTFAM ELDDLPKERLKE LIFQETARFQPGVLEAP</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002746
ORF Size:	1137 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_002746.1
RefSeq Size:	1902 bp
RefSeq ORF:	1140 bp
Locus ID:	5595
UniProt ID:	P27361
Cytogenetics:	16p11.2
MW:	43.1 kDa