

Product datasheet for **MR207416A1V**

Mouse Ero1a (NM_015774) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Ero1a (NM_015774) AAV Particle
Tag:	Myc-DDK
Symbol:	Ero1a
Synonyms:	Er; ERO1-L; Ero1l
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR207416 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCCGCGCCTGGGGCTTGTCTGTTGGACTCCTGGGCGTCGTGTGGCTGCTGCGCTTGGGCCACGGCG
 AGGAGCGCGGCCGGAGACAGCGGCACAGCGCTGCTTCTGCCAGGTTAGTGGTTACCTGGACACTGTAC
 CTGTGATGTCGAGACCATCGATAAGTTTAACTACAGACTTTTCCCAAGACTACAAAAGCTTCTTGAA
 AGTGACTACTTTAGATATTACAAGGTGAAGTTGAAGAAGCCTTGTCTTTCTGGAATGACATCAACCAGT
 GTGGAAGAAGAGACTGTGCCGTCAAACCCTGCCATTCTGATGAAGTTCTGATGGAATTAAGTCTGCGAG
 CTACAAGTATTCTGAGGAAGCCAACCGCATTGAAGAAGGTGAGCAAGCTGAGCGACTTGGAGCCGTGGAT
 GAGTCTCTGAGTGAGGAGACCCAGAAAGCTGTACTTCAGTGGACCAAGCATGATGATTCGTCAGACAGCT
 TCTGCGAAATTGACGATATACAGTCCCCGATGCTGAGTATGTGGACTTACTCCTTAACCCTGAGCGCTA
 CACAGGCTACAAGGGCCAGACGCTTGGAGGATATGGAGTGCATCTATGAAGAAAAGTGTTTAAAGCCA
 CAGACAATTCAAAGGCCCTTGGCTTCTGGGCGAGGAAAAAGTAAAGAGAACACATTTTACAAGTGGCTAG
 AAGGCCTCTGTGTAGAAAAGAGAGCATTCTACAGACTTATATCTGGCCTGCACGCAAGCATTAAATGTGCA
 TTTGAGTGCAAGGTATCTTTTACAAGATACTTGGCTGGAAAAGAAATGGGGTCACAATGTACAGAGTTC
 CAGCAGCGCTTGTATGGGATTCTGACTGAAGGAGAAGGCCACGAAGGCTGAGGAACTTGTACTTCTGT
 ACCTGATAGAGTTAAGGGCTCTCTCAAAGTGCCTTCCATTTTTGAGCGTCCAGATTTTTCAGCTTTCAC
 TGGGAATAAAGTTCAGGATGCAGAAAACAAAGCGTTACTTCTGGAGATACTTCATGAAATCAAGTCATTT
 CCTTTGCACTTCGATGAGAATCTTTTTTGTGGGGATAAAAACGAAGCACATAAACTAAAGGAGGACT
 TCCGGCTACACTTTAGGAACATTTCAAGAAATCATGGACTGTGTTGGCTGCTTCAAGTCCCGCTGTGGGG
 CAAGCTTCAGACGCAGGGCTGGGCACTGCTCTGAAGATCTTGTTCGAAAAAGTATCGCAAAATATG
 CCGAAAAGCGGACCAAGTTATGAGTTCAGCTAACAGACAAGAAATAGTATCACTGTTTAAATGCATTTG
 GAAGGATTTCCACAAGTGTGAGAGAAGTACAGAACTTCAAGCACTTGTACAGAATGTTTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207416 protein sequence
 Red=Cloning site Green=Tags(s)

MGRAWGLLVGLLGVVWLLRLGHGEERRPETAAQRCFCQVSGYLDCTCDVETIDKFNNYRFPRLQKLL
 SDYFRYKVNLLKPCPFWNDINQCGRRDCAVKPCHSDEVPDGIKSASYKYSEEANRIEEGEQAERLGA
 ESLSEETQKAVLQWTKHDDSSDFCEIDDIQSPDAEYVDLLLNPERYTGYKGPDAWRIWVVIYEENCFK
 QTIQRPLASGRGKSKENTFYNWLEGLCVEKRAFYRLISGLHASINVHLSARYLLQDTWLEKKWGHNVTE
 QQRFDGILTEGEGPRRLRNLYFLYLIELRALSKVLPFFERPDFQLFTGNKVQDAENKALLEILHEIKSF
 PLHFDENSFFAGDKNEAHLKEDFRLHFRNISRIMDCVGCFCRRLWGKLTQGLGTALKILFSEKLIANM
 PESGPSYEFQLTRQEIVSFLNFAFGRISTSRELENFRHLLQNVH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_015774

ORF Size:

1395 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_015774.2</u> , <u>NP_056589.1</u>
RefSeq Size:	4435 bp
RefSeq ORF:	1395 bp
Locus ID:	50527
UniProt ID:	<u>Q8R180</u>
Cytogenetics:	14 C1
MW:	54 kDa