

Product datasheet for **MR222459A1V**

Mouse Arhgef37 (NM_177828) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Arhgef37 (NM_177828) AAV Particle
Tag:	Myc-DDK
Symbol:	Arhgef37
Synonyms:	4933429F08Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR222459 representing NM_177828
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGACTTTGGAGCAGATGAGGCCTCTTCCAAGTCAGAGAGTCCTGAGCAGGAAGATCAGGGCTCTG
 AGGACAGATCGCTGCTCCATCAGAGGCTGGCCATCAGAGAGCTATTGACACAGAAGTCTCCTACTTACA
 CATGCTCCGACTCTGTGCTCTGACATCAGAAGCCACCTACAACAGCTGCCACCAAGGCGATCTGGACATC
 CTGTTCTCCAACATCGATGACATCATCCAAGTGAGCAGCAGGTTCTTCGAGGGCTGCAGGAGACAGCCT
 GCAGGGAAGAGGAGCAAGCGCACCTGATTGGTAACCTATTCTTGAATTCGAAGAGGAGTTGAACAAGT
 CTATAAAGTCTACTGTGCCAATATGACCAGGCCCTGCTGCTGGTCAAGGCGTACCAGAAGGAGCCAGAA
 CTGCAGAAGGAGATCCAGGGCATCATGAAGCTGCCATGCCACAAGCTGGACCTTCGGGTCTCAGTTTCT
 TCCTTGTGATCCCTCTACAGAGGATTACCAAGTACCCCTCTGCTGCAGAAAATTCTGGAGAACACACC
 TGCAGATGCCAGCGCCACCCTGCCCTTCAGAGAGCCACCTCTGCCCTCCAGGATGTGAACGGCAATATC
 AACGAATACAAGATGCGCAAGGAAGTGGCCTTAAAGTATACCAAGTGGAGCAGCTGAGCCTTCGGGAGC
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 GGCGGGGCTTGTATCCCGGACAGAAGACAAGGAATTTGATGACCTGGAGGAGAGATTCCAGTGGGTGTCT
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 TCAGCTCCATGCCTTTCTGCAGTTTAAGCAGCGGTTAAGAAGCCTGGTGTGGCAACCATTGTGCAGTCTG
 GCCAGAGCCCTGGCTGGTCTCAGAACTTGATCAAGAAGCGCCTGGACAACTCCTGGACTTCGATCGAG
 TAGAGGAGAAGCTGTTAGATGTGGCAGCGTGACCTGGGAGGAGGAGGCAGCCCGGCACGAATACCAGGC
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 CAGCAGTCAGCTCCGCTCTTTTCAGGAGAGCTTTGAGAAGGTGCTTCCACCTCCACCACTCAGCCACTC
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 CAAGCAACATCAACGGGACTGGGACTCTGGACCTGACCCTGCTGCGGGGCCAAATCGTGGCCCTTCTACA
 AAACAAGGATACCAAGGCAACAACAGTCGCTGGCTGGTAGACACAGGGGGACACCGGGGCTATGTGCCA
 GCTGGAAAACCTCAGTTATACCACCCCATCTCCAGTGAGAAGGAGCTCAGAGGCCAGACAGGGACAC
 ATGAAGACTCCTGGCTTCCAGCCCCAGAGCCCACCCAGCTCTCTGTTCCCACTGTCCCAACCATGAGTCA
 GGTGGTGGCAGTATACCCTTTTGTGGCCAGAAGCACCCACGAAGTGAAGTCTACAGGCAGGCCAGCCTGTG
 ACCATCCTAGAGGCCCAAGACAAGAAGGGGAACCCAGAATGGAGCCTGGTGAAGCAAACGGACAGAGGG
 GCTATGTGCCTTCCAACCTTCTAGCCAGGACCCCAAGCCCAACTCCCTGGGGCTGGAATCTTCCCTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR222459 representing NM_177828 Red=Cloning site Green=Tags(s) MADFGADEASSKSESPEQEDQGSEDRSLLHQRLAIRELIDTEVSYLHMLRLCASDIRSHLQQLPPGDLDI LFSNIDDIIQVSSRFLRGLQETACREEEQAHLIGNLFLEFQEEFEQVYKVCANYDQALLVKAYQKEPE LQKEIQGIIEAAMPQAGPSGLSFFLVIPLQRITKYPLLLQKILENTPADASAHPALQRATSALQDVNGNI NEYKMRKEVALKYTKVEQLSLRERLARINTHTLSKKTTRLSQLKQEAGLVSRTEDEKFDLEERFQWVS LCVKELRNNVDFMGNLEVFLSFRPHERSLDIPGGPAEQYCSLARDLQLHAFLQFKQRLSLVWQPLCSL ARALAGPQNLIKKRLDKLLDFDRVEEKLLDVGSVTWEEEAARHEYQALNSLLVAELPQFNQLVMQWLQGI LCTFVVLQRDLADQVLRRAESTMALLPHHVSEPDFQKLEHTLGQSSSQLRFLQESFEKVLPPSTTQPL LPGSEHQMQUALTRYGPEKLYQVSSNINGTGTLDDLTLRGQIVALLQNKDTKGNNRWLVDTGGHRYGYP AGKLQLYHPIIPSEKELRGQTGTHEDSWLPAPEPTQLSVPTVPTMSQVVAVYPFVARSTHESLQAGQPV TILEAQDKKGNPEWSLVEANGQRGYVPSNFLARTPSPTPWGWNLPS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_177828
ORF Size:	2028 bp
Buffer:	PBS with 0.001% Pluronic F3414
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_177828.4, NP_808496.2</u>
RefSeq Size:	3234 bp
RefSeq ORF:	2031 bp
Locus ID:	328967
UniProt ID:	<u>A1IGU4</u>
Cytogenetics:	18 E1
MW:	77 kDa