

Product datasheet for **RC229024A1V**

Human RAGEF2 (RAPGEF6) (NM_001164390) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RAGEF2 (RAPGEF6) (NM_001164390) AAV Particle
Tag:	Myc-DDK
Symbol:	RAPGEF6
Synonyms:	KIA001LB; PDZ-GEF2; PDZGEF2; RA-GEF-2; RAGEF2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC229024 representing NM_001164390
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACTACCCGTGGACCTGGCGCTAGGCAGCGTTGAGGAAGAAGCCACCCGAGCGGACTCCCAGG
 ACTTAAATACTATTTATTCTTATCTTCATGGAATGGAATATTATCAAATCTCAGGGAACATCAGCTTAG
 ATTGATGTCTGCAAGAGCAGCTATGAGAGATACAGTGGAATCAGGTTCTCTTTTGTTCAGAAACGATT
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 AAAAATTTGAGAATATTACATTTATGAAAGCCGTTGAAATTTTGAAGGAATAATACTCATCTTGCACTTAC
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 CTCTCTGTGAAGTTTCTGTTACTCTGAGGGTGTCTATAAACAGAGAAGACTTCCAGATCAGTTCTCAA
 ATTAGCTGATAGAATTCAACTCAATGGAAG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC229024 representing NM_001164390 Red=Cloning site Green=Tags(s) MNSPVDPGARQALRKKPPERTPEDLNTIYSYLGMEILSNLREHQLRLMSARARYERYSGNQVLCSETI ARCWYILLSGSVLVKGSMLPPCSFGKQFGGKRGCDCLVLEPSEMIIVENAKDNEDSILQREIPARQSRR RFRKINYKGERQTITDDVEVNSYLSLPADLTkmhLTENPHQPQVTHVSSSQSGCSIASDSGSSSLSDIYQA TESEVGDVDLTRLPEGPVDEDEDEEEDIDRTDPLQGRDLVRECLEKEPADKTDDIEQLLEFMHQLPA FANMTMSVRRELCSVMIFEVVEQAGAIILEDGQELDSWYVILNGTVEISHPDGKVENLFMGNSFGITPTL DKQYMHGIVRTKVDDCQFVCIAQQDYWRILNHVEKNTHKVEEEGEIVMVHEHRELD RSGTRKGHIVIKAT PERLIMHLIEEHSIVDPTYIEDFLLTYRTFLESPLDVGIKLEWFKIDSLRDKVTRIVLLWVNNHFNDFE GDPAMTRFLEEFKNLEDTKMNGHLRLNIAACAkakwRQVVLQKASRESPLQFSLNGGSEKGFIFVEG VEPGSKAADSGLKRGDQIMEVNGQNFENITFMKAVEILRNTHLALTVKTNIFVFKELLFRTEQEKSGVP HIPKIAEKKSnrHSIQHVPGDIEQTSQEKGSKKVKANTVSGGRNKIRKILDKTRFSILPPKLFSDGGLSQ SQDDSIVGTRHCRHSLAIMPPIGTLSSSSPDLLQPTTSMDFSNPSDIADQVIRVFKVDQQSCYIIISKD TTAKEVVFHAVHEFGLTGASDTYSLCEVSVTPEGVIKQRRLPDQF SKLADRIQLNGR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001164390
ORF Size:	2481 bp
Buffer:	PBS with 0.001% Pluronic F9593
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_001164390.1, NP_001157862.1</u>
RefSeq ORF:	2484 bp
Locus ID:	51735
UniProt ID:	<u>Q8TEU7</u>
Cytogenetics:	5q31.1
MW:	93.3 kDa