

Product datasheet for **RC201039A1V**

Human Rho guanine exchange factor 16 (ARHGEF16) (NM_014448) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Rho guanine exchange factor 16
Synonyms:	GEF16; NBR
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC201039 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTTTCGAGATCCTCACGTCGGAGTTCTCCTACCAGCACAGCCTGAGCATCCTGGTGGAGGAGTTCTGC
AGTCCAAGGAGCTGCGGGCGACCGTGACCCAGATGGAGCACCACCTCTTCTCAACATCCTGGATGT
CCTGGGTGCCAGTCAGAGGTTCTTCGAGGACCTGGAGCAGCGGCACAAGGCCAGGTGCTGGTCGAGGAC
ATCAGTGACATCCTGGAGGAGCAGCTGAGAACTACTCCACCCCTACATCGCCTACTGCTCCAACGAGG
TCTACCAACAGCGCAGCTGCAGAAGCTGATAAGCAGCAACGCCGCTTCCGAGAGGCCCTGAGAGAGAT
TGAGAGGCGGCCGCGTGCAGGCGCTGCCATGCTCTCCTTCCTGATCCTCCCATGCAGCGGGTGACC
CGGCTGCCCTCCTGATGGATACGCTCTGCCTCAAGACCCAGGGCCACTCCGAAAGGTACAAGGCTGCCA
GCCGTGCACTGAAGGCCATCAGCAAGCTGGTGAGGCAGTGCAACGAGGGGGCCACAGGATGGAGCGCAT
GGAGCAGATGTACAGCTGCACACAGCTGGACTTCAGCAAGGTCAAGTCCCTCCCACTGATCTCCGCC
TCCCGGTGGCTGCTGAAGCGCGGAGAGCTGTTCTTAGTGAAGAAACCGGACTTTTTCGAAAAATTGCCA
GCCGGCCAACGTGCTACCTTTTCTGTTCAACGATGTCCTGGTTGTGACCAAGAAGAAGAGCGAGGAGAG
CTACATGGTCCAGGACTACGCCAGATGAACCATCCAGGTAGAGAAGATAGAGCCGTCTGAGCTCCCT
CTGCCCGGGGGCGCAACCGTAGCTCCTCCGTGCCCAACCCCTTCCAGGTGACCCTGCTTCGCAACAGCG
AGGGCCGCCAGGAGCAGCTCCTGCTCTCCTCGGACTCCGCGAGTGACCGGGCAGGTGGATCGTGGCGCT
CACACACAGTGAGAGACAGTGGCAGGGCCTCTCCAGCAAGGAGACCTGCCCAAGGTGGAGATCACCAAG
GCCTTCTTCGCAAGCAAGCAGACGAGGTCACTGCAAGCAGGCGGACGTGGTCTGTTCTGCAGCAGG
AGGATGGGTGGCTCTATGGCGAGAGGCTCCGGGACGGAGAGACGGGATGGTTCCCGAGGACTTTGCCCG
CTTCATACCAGCCGTGTGCCGTGGAGGGCAATGTCCGAGGATGGAGCGTCTGCGGTGGAGACGGAC
GTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC201039 protein sequence Red=Cloning site Green=Tags(s) MFEILTSEFSYQHSL SILVEEFLQSKELRATVTQMEHHHLFSNILDVLGASQRFFEDLEQRHKAQVLVED ISDILEEHAEKYFHPYIAYCSNEVYQQR TLQKL ISSNAAFREALREIERRPACGGLPMLSFLILPMQRT RLPLLMDTLCLKTQGHSEYKAASRALKAISKLVRCNEGHRMERMEQMYTLHTQLDFSKVKSLPLISA SRWLLKRGELFLVEETGLFRKIASRPTCYLFLFNDVLVVTKKKSEESYMVQDYAQMNHQVEKIEPSELP LPGGGNRSSSVPHPFQVTLLRNSEGRQEQLLLSSDSASDRARWIVALTHSERQWGLSSKGDLPQVEITK AFFAKQADEVTLQQADVVLVLQQEDGWL YGERLRDGETGWFPEDFARFITSRVAVEGNVRRMERLRVETD V TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_014448
ORF Size:	1263 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_014448.3, NP_055263.1</u>
RefSeq Size:	2919 bp
RefSeq ORF:	2130 bp
Locus ID:	27237
UniProt ID:	<u>Q5VV41</u>
Cytogenetics:	1p36.32
MW:	48.7 kDa