

Product datasheet for **RC219269A1V**

Human **GRAMD1B** (NM_020716) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GRAMD1B (NM_020716) AAV Particle
Tag:	Myc-DDK
Symbol:	GRAMD1B
Synonyms:	LINC01059
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC219269 representing NM_020716
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAAGGATTCAAGCTCTCCTGCACTGCCAGTAACTCCAACCGCAGCACGCCGGCTGCTCGCCCATCC
 TCCGGAAGCGGTCTCGCTCGCCAACCCGCAGAACCCAGGACGGAGACACCATGGTGGAGAAGGGCTCAGA
 TCACTCCTCGGACAAGTCCCCGTCCACACCGGAGCAGGGCGTGCAGCGCAGCTGCTCCTCCAGTCCGGC
 CGGAGCGGCGGCAAGAATTCCAAGAAAAGCCAGAGTTGGTATAATGTGTTAAGCCCCACCTACAAGCAGA
 GAAATGAAGACTTCAGAAAGCTCTTAAAGCAGCTTCCAGACACGGAGCGCCTCATTGTTGATTACTCATG
 TGCCTCCAAAGAGACATTCTCCTTCAGGGCCGACTCTACCTCTCTGAAAATTGGATCTGCTTCTACAGC
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 GTGCGGAGGAGGAAGCGTCCCATGCCACCTGCGAGTCCCTCACCTGGAAGAGGTGATGAGCCCGTCA
 CCACGCCACAGATGAGGATGTGGGCCACAGGATCAAACATGTGGCAGGTTCCACACAGACGCGGCATAT
 CCCGGAGGACACCCCAACGTTTCCACCTGCAGAGCGTGTCCAAGCTGCTGCTGTTATCAGCTGTGTG
 ATCTGTTTCAGTCTGGTGTGCTGGTCACTTAACATGATGCTCTTCTACAACTCTGGATGTTGGAAT
 ACACCACGAGACCTCACTGCCTGGCAGGGTCTAAGGCTCCAAGAAAGGTTACCCAGTCTCAGACAGA
 ATGGGCCAGCTCTTAGAGTCCCAACAAAAGTACCACGATACTGAGCTCCAAAATGGAGGGAAATCATC
 AAATCCTCAGTATGCTCCTTGACCAGATGAAGGACTCGCTCATCAACCTTCAGAACGGCATCAGGTCCC
 GCGACTACACGTCGAAAAGTGAAGAAAAGAGGAATCGCTATCAT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC219269 representing NM_020716 Red=Cloning site Green=Tags(s) MKGFKLSCTASNSNRSTPACSPILRKRSRSPTPQNQDGMTVEKGS DHSSDKSPSTPEQGVQRSCSSQSG RSGGKNSKKSQSWYNVLSPTYKQRNEDFRKLFKQLPDERLIVDYSCALQRDILLQGRLYLSNWICFY NIFRWETLLTVRLKDICSMTKEKTARLIPNAIQVCTDSEKHFFTSFGARDRTYMMFRLWQNALLEKPLC PKELWHFVHQCYGNELGLTSDDEDYVPPDDDFNTMGYCEEIPVEENEVNDSSSKSSIETKPDASPQLPKK SITNSTLTSTGSSEAPVSFDGLPLEEEALEGDSLEKELAI DNIMGEKIEMIAPVNSPSLDFNDNEDIPT ELSDSSDTHDEGEVQAFYEDLSGRQYVNEVFNFSDKLYDLLFTNSPFQRDFMEQRRFSDIIFHPWKKEE NGNQSRVILYITLTNPLAPKTATVRETQTMKASQSECYVIDAEVLTHDVPYHDYFYTYINRYTLTRVA RNKSRLRVSTELRYRKQPWGLVKTFIEKNFWSGLEDFRHLSELA KTESTYLAEMHRQSPKEKASKTTT VRRRRKPHAHLRVPHLEEVMSPTTPTDEDVGHRIKHVAGSTQTRHIPEDTPNGFHLQSVSKLLLVISCV ICFSLVLLVILNMMLFYKLWMLEYTTQTLTAWQGLRLQERLPQSQT EWAQLLESQQKYHDTLQKWREII KSSVMLLDQMKDSLINLQNGIRSRDYTESEEKRNRYH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_020716
ORF Size:	2214 bp
Buffer:	PBS with 0.001% Pluronic F7971
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_020716.2</u>
RefSeq Size:	7906 bp
RefSeq ORF:	2217 bp
Locus ID:	57476
UniProt ID:	<u>Q3KR37</u>
Cytogenetics:	11q24.1
MW:	85.8 kDa