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Product datasheet for MR207298A1V

Mouse Gramd1c (NM_153528) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Gramd1c
Synonyms:	4921521N14Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence:

>MR207298 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAACACTTGTTATCAGTTGAAGAAAATGTGCAGCCAAGAAGTCCAGGAAGAAGCAGCGTGGATGACG
CTGGGGAAAGAGATGAGAAGTTCTCCAAGGCCGTCAGCTTTACACAGGAGTCAGTTAGCAGAGCTTCAGA
AACAGAGCCATTGGACGGGAACTCACCGAAAAGAGGACTAGGAAAAGAGGATTCCCAGAGCGAGAGAAAT
GTGAGAAAAAGTCCTTCGCTAGCTTCAGAAAAGAGGATAAGCAGAGCACCCTCCAAGTCACTGGACTTGA
ATAAGAATGAGTACCTTTCTCTGGATAAAAGCAGCACTTCAGATTCTGTGGACGAAGAAAATATTCCCGA
GAAAGATCTTCAAGGAAGACTTTATATCAACCGTGTCTTTCACATCAGTGCTGAGAGAATGTTCGAACTG
CTGTTCACTAGCTCACACTTTATGCAGAGATTTGCAAATTCTAGAAATATAATAGATGTGGTATCTACCC
CCTGGACAGTTGAATCTGGAGGCAATCAGCTGCGAACCATGACCTATACCATAGTCCTCAGCAACCCGCT
AACTGGGAAGTATACTGCTGCCACAGAAAAGCAGACCCTGTATAAAGAGAGCCGGGAAGCACAGTTCTAC
CTGGTAGACTCCGAAGTGCTGACACATGATGTGCCCTATCACGACTACTTCTACACTTTGAACAGATACT
GTATCGTGAGATCTGCAAAACAGAGATGCAGGCTGAGAGTCTCCACAGACTTGAAGTACAGGAAACAACC
ATGGGGCCTTATCAAGTCTTTAATTGAGAAGAATTCCTGGAGTTCACTGGAGAGCTACTTCAAAAAGCTT
GAATCCGATTTGTTAATGGAAGAGTCTGTGTTGAGTCAATCCATTGAAGATGCTGGAAAACATAGCAGCC
TACGCCGGAGAAGGCGGACCTTGAACCGGACAGCAGAGCCCGTTCCAAAGCTGTCCTCTCAGCGCTCTTC
CACAGATTTGGGCTTCGAGGCCAAAGTAGATGTTACAGGAAAGAGAAAGACCGTGGACAGTTATGACACC
GCCCTTATTGTGGTGATGAGCATATTCTTGCTGCTGCTCGTTCTGCTGAATGTGACACTATTTCTGAAGC
TGTCAAAGATAGAACACGCTACCCAGTCCTTCTACCAGCTTCACCTCCAGGGAGAAAAATCTTTAAATTT
AGTCTCTGACAGGTTCTCAAGAACAGAAAATATTCAAAAGAACAAAGATCAGGCCCACCGCCTAAAAGGA
GTACTCCAAGATTCCATAGTGATGTTGGAACAGCTGAAGAGCTCACTCATTATGCTTCAAAAAACCTTTG
ATTTACTAAATAAGAACAAGTCTGGGGTGGCTGTGGAGAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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Protein Sequence:

>MR207298 protein sequence
Red=Cloning site Green=Tags(s)

MEHLLSVEENVQPRSPGRSSVDDAGERDEKFSKAVSFTQESVSRASETEPLDGNSPKRGLGKEDSQSERN
VRKSPSLASEKRISRAPSKSLDLNKNEYLSLDKSSTSDSVDEENIPEKDLQGRLYINRVFHISAERMFEL
LFTSSHFMQRFANSRNIIDVVSTPWTVESGGNQLRTMTYTIVLSNPLTGKYTAATEKQTLYKESREAQFY
LVDSEVLTHDVPYHDYFYTLNRYCIVRSAKQRCRLRVSTDLKYRKQPWGLIKSLIEKNSWSSLESYFKKL
ESDLLMEESVLSQSIEDAGKHSSLRRRRRTLNRTAEPVPKLSSQRSSTDLGFEAKVDVTGKRKTVDSYDT
ALIVVMSIFLLLLVLLNVTLFLKLSKIEHATQSFYQLHLQGEKSLNLVSDRFSRTENIQKNKDQAHRLKG
VLQDSIVMLEQLKSSLIMLQKTFDLLNKNKSGVAVES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Mouse

Serotype: AAV-2

ACCN: NM_153528

ORF Size: 1371 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: NM_153528.1, NP_705756.1

RefSeq Size: 3506 bp

RefSeq ORF: 1374 bp

Locus ID: 207798

UniProt ID: Q8CI52

Cytogenetics: 16 B4

MW: 52.2 kDa

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