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Product datasheet for RC205518A1V

Human C2orf65 (M1AP) (NM_138804) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human C2orf65 (M1AP) (NM_138804) AAV Particle
Tag:	Myc-DDK
Symbol:	C2orf65
Synonyms:	C2orf65; D6Mm5e; SPATA37; SPGF48
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

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ORF Nucleotide Sequence:

>RC205518 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCATCCTGGGCGAACTACTGGTAAAGGGCCCTCTACTCACACTCAGATTGACCAGCAACCTCCACGGC
TTCTCATTGTGCACATTGCTCTACCGTCCTGGGCTGACATCTGCACCAACCTCTGTGAGGCTCTGCAGAA
CTTCTTCTCTCTAGCCTGCAGCTTGATGGGCCCCAGCCGCATGTCCCTGTTCAGTTTATACATGGTACAA
GATCAGCATGAGTGCATCCTCCCTTTTGTGCAAGTGAAAGGGAACTTTGCTAGGTTGCAGACCTGCATCT
CAGAACTCCGCATGTTACAGAGAGAAGGGTGTTTCAGATCACAAGGTGCTTCTCTGCGGCTGGCAGTAGA
GGATGGGCTCCAGCAATTCAAACAATACAGCAGACATGTGACCACAAGGGCAGCTCTGACCTATACCTCC
CTGGAGATTACTATTCTGACTTCTCAGCCTGGAAAAGAGGTGGTCAAACAGTTGGAGGAAGGGTTGAAAG
ATACAGACCTAGCCAGAGTCAGGAGGTTTCAGGTCGTTGAGGTCACAAAGGGAATCCTAGAGCACGTGGA
CTCAGCGTCTCCTGTTGAGGATACCAGCAATGATGAGAGTTCTATTCTGGGAACTGACATTGACCTTCAG
ACTATAGACAATGATATCGTCAGCATGGAGATTTTCTTCAAAGCCTGGCTACATAACAGTGGAACAGACC
AAGAACAAATCCATCTTCTTCTTTCTTCACAGTGTTTCAGCAACATTTCCAGACCCAGAGATAATCCAAT
GTGTCTGAAATGTGATCTCCAAGAGCGACTGCTCTGCCCATCCCTACTCGCTGGCACAGCTGACGGCTCC
TTGAGAATGGATGACCCTAAAGGAGACTTCATCACACTCTACCAGATGGCTTCCCAGTCATCGGCCTCTC
ATTACAAGCTCCAAGTGATCAAGGCTTTAAAATCTAGCGGGCTCTGCGAGTCATTGACATATGGACTCCC
GTTCATCCTCAGACCTACAAGCTGTTGGCAGCTGGACTGGGATGAGCTGGAGACAAATCAGCAACATTTC
CATGCTTTGTGTCACAGCCTGCTGAAAAGGGAATGGCTGCTGTTAGCCAAGGGGGAACCACCGGGCCCAG
GACACAGCCAGAGAATTCCTGCCAGCACCTTCTATGTGATCATGCCGTCACACTCCCTCACACTGCTGGT
AAAGGCGGTGGCCACGCGGGAACTGATGCTGCCCAGCACCTTCCCCCTGCTACCTGAGGACCCACATGAT
GATAGCCTTAAGAATGTGGAGAGCATGCTGGACAGCCTGGAGCTGGAGCCCACCTACAACCCCTTGCATG
TTCAAAGCCACCTGTACTCACACCTGAGCAGCATCTATGCCAAGCCTCAGGGGCGGCTCCACCCACACTG
GGAGAGCCGAGCTCCGAGAAAGCATCCCTGCAAGACTGGGCAGTTGCAGACCAACCGAGCTCGAGCTACT
GTGGCCCCCCTGCCTATGACTCCTGTCCCAGGCAGAGCCTCCAAGATGCCAGCAGCCAGCAAATCTTCCT
CAGATGCCTTCTTCCTGCCTTCAGAGTGGGAGAAGGATCCCTCAAGGCCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205518 protein sequence
Red=Cloning site Green=Tags(s)

MHPGRTTGKGPSTHTQIDQQPPRLLIVHIALPSWADICTNLCEALQNFFSLACSLMGPSRMSLFSLYMVQ
DQHECILPFVQVKGNFARLQTCISELRMLQREGCFRSQGASLRLAVEDGLQQFKQYSRHVTTRAALTYTS
LEITILTSQPGKEVVKQLEEGLKDTDLARVRRFQVVEVTKGILEHVDSASPVEDTSNDESSILGTDIDLQ
TIDNDIVSMEIFFKAWLHNSGTDQEQIHLLLSSQCFSNISRPRDNPMCLKCDLQERLLCPSLLAGTADGS
LRMDDPKGDFITLYQMASQSSASHYKLQVIKALKSSGLCESLTYGLPFILRPTSCWQLDWDELETNQQHF
HALCHSLLKREWLLLAKGEPPGPGHSQRIPASTFYVIMPSHSLTLLVKAVATRELMLPSTFPLLPEDPHD
DSLKNVESMLDSLELEPTYNPLHVQSHLYSHLSSIYAKPQGRLHPHWESRAPRKHPCKTGQLQTNRARAT
VAPLPMTPVPGRASKMPAASKSSSDAFFLPSEWEKDPSRP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_138804

ORF Size: 1590 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_138804.2
RefSeq Size:	2558 bp
RefSeq ORF:	1593 bp
Locus ID:	130951
UniProt ID:	Q8TC57
Cytogenetics:	2p13.1
MW:	59.4 kDa