

## Product datasheet for **RC219267A1V**

### Human DOK7 (NM\_173660) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human DOK7 (NM_173660) AAV Particle
Tag:	Myc-DDK
Symbol:	DOK7
Synonyms:	C4orf25; CMS1B; CMS10; FADS3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC219267 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGACCGAGGCGCGCTGGTGGAGGGCCAGGTCAAGCTGCGGGACGGCAAGAAGTGAAGAGTAGGTGGC  
 TGGTGCTGCGGAAGCCGTCGCCCGTGGCAGACTGCCTGCTGATGCTGGTCTACAAGGACAAGTCGGAGCG  
 TATCAAGGGCCTGCGGGAGCGCAGCAGCCTGACGCTAGAGGACATCTGCGGGCTGGAGCCCGCCCTGCC  
 TACGAGGGCCTGGTCCACACGCTGGCCATTGTCTGCCTGTCCCAGGCCATCATGCTGGGCTTTGACAGCC  
 ACGAGGCCATGTGTGCGTGGGATGCCCGGATCCGCTATGCGCTCGGCGAGGTGCATAGGTTCCATGTGAC  
 AGTGGCTCCAGGCACCAAGTTGGAGAGCGGCCCGGCTACCCTGCACCTCTGCAATGATGCTCCTGCTTG  
 GCCAGGGACATCCCCCGGCTGTACGGGGCAGTGAAGCTGTCTGACCTCCGGCGCTACGGGGCCGTGC  
 CAAGCGGATTCATCTTTGAAGGGCGGACCAGGTGTGGTACTGGGCTGGCGTCTTCTTCTGCTCCTCGGC  
 CGAGGGGGAGCAGATCAGCTTCTGTTGACTGCATCGTCCGAGGCATCTCCCCACCAAGGGCCCTTT  
 GGGCTGCGGCCGTTCTACCAGACCAAGTCCCCGGGACCCTCGACTGTGGAGGAGCGTGTGGCCCAAG  
 AAGCCCTGAAACCCTACAGCTGGAGAAGCGGCTGAGCCTCCTCTCACATGCGGGCAGGCCGGGCGAGTGG  
 AGGGGATGACCGCAGCCTGTCCAGCTCATCCTCAGAGGCCAGTCACTTGGACGTGAGCCAGCAGCCGG  
 CTCACCGCATGGCCAGAGCAATCCTCGTCGTCAGCCAGCAGCTCACAGGAGGGGCTAGACCAGCAGCTG  
 CCCAGGCCCGCGGGGAAGCCATGGTGGGTGCCTCAAGGCCACCCCCAAGCCGCTGCGTCCGCGGCAGCT  
 GCAGGAGGTTGGCCGACAGACTCCTCGGACAGCGGCATCGCCACTGGCAGCCACTCCTTACTCCAGC  
 AGCCTCTGCTCTACGCGGGCAGCAGCCTGGACGTGTGGCGGGCCACAGATGAAGTGGGCTCACTGCTCA  
 GCCTGCCAGCAGCGGGGGCCCCGAGCCAGCCTGTGCACCTGCCTGCCGGGACAGCTGAGTACCAGGT  
 GCCCACCTCCCTGCGGGCCCACTATGACACACCACGCAGCCTTTGCTGGCTCCTAGAGACCACAGCCCC  
 CCCTCACAGGGCAGCCCCGCAACAGTGCGGCCAGGGACTCAGGCGGCCAGACGTCCGCCGGGTGCTCCT  
 CTGGCTGGCTGGGCACGAGACGGCGGGGCTGGTATGGAGGCCCCCCAGGACAGCGAGGCCACACTGCC  
 TGGCCCTGCCCTGGCGAGCCCTGGGAAGCAGGCGGCCCCACGCGGGGCCACCCCCGGCTTTCTTTTCG  
 GCATGTCCAGTCTGTGGAGGACTCAAGGTAACCCCCCTCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC219267 protein sequence  
 Red=Cloning site Green=Tags(s)

MTEAALVEGQVKLRDGGKWKSRWLVLKPSVADCLLMLVYKDKSERIKGLRERSSLTLEDICGLEPGLP  
 YEGLVHTLAIVCLSQAIMLGFDSHEAMCAWDARIRYALGEVHRFHVTVAPGKLESGPATLHLCNDVLL  
 ARDIPPAVTGQWKLSDLRRYGAVPSGFIFEGGTRCGYWAGVFFLSSAEGEQISFLFDCIVRGISPTKGP  
 GLRPVLPDPSPPGPSTVEERVAQEALTLQLEKRLSLLSHAGRPGSGGDDRSLSSSSSEASHLDVSASSR  
 LTAWPEQSSSASTSQEGPRPAAAQAAGEAMVGASRPPPKPLRPRQLQEVGRQSSSDSGIATGSHSSYSS  
 SLSYAGSSLDVWRATDELGSLLSLPAAGAPEPSLCTCLPGTVEYQVPTSLRAHYDTPRSLCLAPRDHSP  
 PSQGSPGNSAARDSGGQTSAGCPSGWLGTRRRGLVMEAPQDSEATLPGPAPGEPWEAGGPHAGPPPAFFS  
 ACPVCGGLKVNPPP

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_173660

**ORF Size:**

1512 bp

<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_173660.3</a></u>
<b>RefSeq Size:</b>	2583 bp
<b>RefSeq ORF:</b>	1515 bp
<b>Locus ID:</b>	285489
<b>UniProt ID:</b>	<u><a href="#">Q18PE1</a></u>
<b>Cytogenetics:</b>	4p16.3
<b>MW:</b>	53.2 kDa