

## Product datasheet for **RC215827A1V**

### Human Salivary alpha amylase (AMY1C) (NM\_001008219) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human Salivary alpha amylase (AMY1C) (NM_001008219) AAV Particle
Tag:	Myc-DDK
Symbol:	Salivary alpha amylase
Synonyms:	AMY1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC215827 representing NM\_001008219  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAAGCTCTTTTGGTTGCTTTTACCATTGGGTTCTGCTGGGCTCAGTATTCCTCAAATACACAACAAG  
 GACGAACATCTATTGTTTCATCTGTTGAATGGCGATGGGTTGATATTGCTCTTGAATGTGAGCGATATTT  
 AGCTCCAAGGGATTTGGAGGGGTTAGGTCTCTCCACCAAATGAAAATGTTGCCATTCACAACCCTTTC  
 AGACCTTGGTGGGAAAGATACCAACCAGTTAGCTATAAATTATGCACAAGATCTGGAAATGAAGATGAAT  
 TTAGAAACATGGTGACTAGATGCAACAATGTTGGGGTTCGATTTATGTGGATGCTGTAATTAATCATAT  
 GTGTGGTAATGCTGTGAGTGCAGGAACAAGCAGTACCTGTGGAAGTTACTTCAACCCTGGAAGTAGGGAC  
 TTTCCAGCAGTCCCATATTCTGGATGGGATTTTAAATGATGGAATGAAAATGGAAGTGGAGATATCG  
 AGAACTATAATGATGCTACTCAGGTGAGAGATTGTCGCTGTCTGGTCTTCTCGATCTTGACTGGGGAA  
 GGATTATGTGCGTTCTAAGATTGCCGAATATGAACCATCTCATTGACATTGGTGTTCAGGGTTCAGA  
 ATTGATGCTTCCAAGCACATGTGGCCTGGAGACATAAAGGCAATTTTGGACAAAATGCATAATCTAAACA  
 GTAACCTGGTCCCGGAAGGTAGTAAACCTTTCATTTACCAGGAGGTAATTGATCTGGGTGGTGGAGCAAT  
 TAAAAGCAGTGACTACTTTGGTAATGGCCGGTGACAGAATTCAGTATGGTGCAAAATCGGCACAGTT  
 ATTCGCAAGTGGAAATGGAGAGAAGATGTCTTACTTAAAGAACTGGGGAGAAGGTTGGGGTTTCATGCCTT  
 CTGACAGAGCGCTTGTCTTTGTGGATAACCATGACAATCAACGAGGACATGGCGCTGGAGGAGCCTCTAT  
 ACTTACCTTCTGGGATGCTAGGCTGTACAAAATGGCAGTTGGATTTATGCTTGCATCCTTATGGATTT  
 ACACGATAATGTCAAGTACCCTGGCAAGATATTTGAAAATGAAAAGATGTTAATGATTGGGTTG  
 GGCCACCAAATGATAATGGAGTAACTAAAGAAGTTACTATTAATCCGGACACTACTTGTGGCAATGACTG  
 GGTCTGTGAACATCGATGGCGCCAATAAAGAACATGGTAAATTTCCGCAATGTAGTGGATGGCCAGCCT  
 TTTACAAAATGGTATGATAATGGGAGCAACCAAGTGGCTTTTGGGAGAGGAAACAGAGGATTCATTGTTT  
 TCAACAATGATGACTGGACATTTTCTTAACTTTGCAAATGGTCTTCTGCTGGCACATACTGTGATGT  
 CATTCTGGAGATAAAATTAATGGCAACTGCACAGGCATTAATACTACGTTTCTGATGATGGCAAAGCT  
 CATTCTTCTATTAGTAACTCTGCTGAAGATCCATTTATTGCAATTCATGCTGAATCTAAATTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC215827 representing NM\_001008219  
 Red=Cloning site Green=Tags(s)

MKLFWLLFTIGFCWAQYSSNTQQGRTSIVHLFEWRWVDIALECERYLAPKGFVGVQVSPNENVAIHNP  
 RPWWERYQPVSYKLCSTRSGNEDEFRNMVTRCANNVGVRIYVDAVINHMCGNAVSAGTSSTCGSYFNPGSRD  
 FPAVPYSGWDFNDGKCKTSGDIENYNDATQVRDCLSGLLDLALGKDYVRSKIAEYMNHLIDIGVAGFR  
 IDASKHMWPGDIKAILDKLHNLNSNWFPEGSKPFYQEVIDLGGPEIKSSDYFGNGRVTEFKYGAKLGT  
 V IRKWNGEKMSYLNWGEWGFMPDRALVFDNHDNQRGHGAGGASILTFWDARLYKMAVGFMLAHPYGF  
 TRVMSSYRWPYFENGKDVNDWVGPNDNGVTKEVTINPDTCGNDWVCEHRWRQIRNMVFNFRNVVDGQP  
 FTNWDYNGSNQVAFGRNRFIVFNDDWTFSLTLQGLPAGTYCDVISGDKINGNCTGIKIYVSDDGKA  
 HFSISNSAEDPFI AIAHESKL

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_001008219

**ORF Size:**

1533 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_001008219.1</a></u>
<b>RefSeq Size:</b>	1860 bp
<b>RefSeq ORF:</b>	1536 bp
<b>Locus ID:</b>	278
<b>UniProt ID:</b>	<u><a href="#">P04745</a></u>
<b>Cytogenetics:</b>	1p21.1
<b>MW:</b>	57.8 kDa