

Product datasheet for **RC209386A1V**

Human Salivary alpha amylase (AMY1A) (NM_001008221) AAV Particle

Product data:

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



ORF Nucleotide Sequence: >RC209386 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGAAGCTCTTTGGTTGCTTTTACCATTGGGTTCTGCTGGGCTCAGTATTCCTCAAATACACAACAAG
 GACGAACATCTATTGTTTCATCTGTTTGAATGGCGATGGGTTGATATTGCTCTTGAATGTGAGCGATATTT
 AGCTCCCAAGGGATTTGGAGGGGTTTCAGGCTCTCCACCAATGAAATGTTGCCATTACAAACCTTTTC
 AGACCTTGGTGGGAAAGATACCAACCAAGTAGCTATAAATTATGCACAAGATCTGGAATGAAGATGAAT
 TTAGAAACATGGTGACTAGATGCAACAATGTTGGGTTTCGTATTTATGTGGATGCTGTAATTAATCATAT
 GTGTGGTAATGCTGTGAGTGCAGGAACAAGCAGTACCTGTGGAAGTTACTTCAACCTGGAAGTAGGGAC
 TTTCCAGCAGTCCCATATTCTGGATGGGATTTTAAATGATGGTAAATGTAAGTGAAGTGGAGATATCG
 AGAATAATGATGCTACTCAGGTGAGAGATTGTCGTCTGTCTGGTCTTCTCGATCTTGCCTGGGAA
 GGATTATGTGCGTTCTAAGATTGCCGAATATATGAACCATCTCATTGACATTGGTGTGCGAGGTTTCAGA
 ATTGATGCTTCCAAGCAGATGTGGCCTGGAGACATAAAGGCAATTTTGGACAACTGCATAATCTAAACA
 GTAAGTGGTCCCAGGAGGTAGTAAACCTTTTATTACCAGGAGGTAATTGATCTGGGTGGTGGAGCAAT
 TAAAGCAGTGACTACTTTGGTAATGGCCGGGTGACAGAAATCAAGTATGGTGCAAACTCGGCACAGTT
 ATTCGCAAGTGAATGGAGAGAAGATGCTTACTTAAAGAACTGGGAGAAGGTTGGGTTTCATGCCTT
 CTGACAGAGCGCTTGTCTTTGGGATAACCATGACAATCAACGAGGACATGGCGCTGGAGGAGCCTCTAT
 ACTTACCTTCTGGGATGCTAGGCTGTACAAAATGGCAGTTGGATTTATGCTTGTCTCATCCTTATGGATT
 ACACGAGTAATGTCAAGTACCGTTGGCAAGATATTTGAAAATGGAAAAGATGTTAATGATTGGGTTG
 GGCCACCAATGATAATGGAGTAATAAGAAGTTACTATTAATCCGACACTACTTGTGCAATGACTG
 GGTCTGTGAACATCGATGGCGCAATAAAGGAACATGGTTAATTTCCGCAATGTAGTGGATGGCCAGCCT
 TTTACAACTGGTATGATAATGGGAGCAACCAAGTGGCTTTTGGGAGAGGAAACAGAGGATTCATTGTTT
 TCAACAATGATGACTGGACATTTCTTTAACTTTGCAAACTGGTCTTCTGCTGGCACATACTGTGATGT
 CATTCTGGAGATAAAATTAATGGCAATGCACAGGCATTAATCTACGTTTCTGATGATGGCAAAGCT
 CATTTTCTATTAGTAAGTCTGCTGAAGATCCATTTATTGCAATCATGCTGAATCTAAATTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC209386 protein sequence
 Red=Cloning site Green=Tags(s)

MKLFWLLFTIGFCWAQYSSNTQQGRTSIVHLFEWRVWDIALECERYLAPKGFGGVQVSPNENVAIHNP
 RPWVERYQPVSYLCTRSNEDEFNMVTRCANNVGVRIYVDVINHMCNAVSAGTSSSTCGSYFNPGRSD
 FPAVPYSGWDFNDGKCKTGSGDIENYNDATQVRDCRLSGLDLALGKDYVRSKIAEYMNHLIDIGVAGFR
 IDASKHMPGDIKAILDKLHNLNSNWFPEGSKPFIYQEVIDLGGEPIKSSDYFGNGRVTEFKYGAKLGT
 VTRVMSSYRWPRYFENGKDVNDWVGPPNDNGVTKEVTINPDTCGNDWVCEHRWRQIRNMVNFNRNVVDGQ
 PFTNWDNGSNQVAFGRNGRFIVFNDDWTFSLTLQTGLPAGTYCDVISGDKINGNCTGIKIYVSDDGKA
 HFSISNSAEDPFIHIAESKL

TRTRPLE**QKLI**SEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001008221

ORF Size: 1533 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_001008221.1 , NP_001008222.1
RefSeq Size:	1781 bp
RefSeq ORF:	1536 bp
Locus ID:	276
UniProt ID:	P04745
Cytogenetics:	1p21.1
MW:	57.8 kDa