

Product datasheet for **RC212793A1V**

Human Salivary alpha amylase (AMY1B) (NM_001008218) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Salivary alpha amylase (AMY1B) (NM_001008218) 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:

>RC212793 representing NM_001008218
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAGCTCTTTTGGTTGCTTTTACCATTGGGTTCTGCTGGGCTCAGTATTCCTCAAATACACAACAAG
 GACGAACATCTATTGTTTCATCTGTTGAATGGCGATGGGTTGATATTGCTCTTGAATGTGAGCGATATTT
 AGCTCCAAGGGATTTGGAGGGGTTCAGGTCTCTCCACCAAATGAAAATGTTGCCATTCACAACCCTTTC
 AGACCTTGGTGGGAAAGATACCAACCAGTTAGCTATAAATTATGCACAAGATCTGGAAATGAAGATGAAT
 TTAGAAACATGGTGACTAGATGCAACAATGTTGGGGTTCGATTTATGTGGATGCTGTAATTAATCATAT
 GTGTGGTAATGCTGTGAGTGCAGGAACAAGCAGTACCTGTGGAAGTACTTCAACCCTGGAAGTAGGGAC
 TTTCCAGCAGTCCCATATTCTGGATGGGATTTAATGATGGTAAATGAAAAGTGAAGTGGAGATATCG
 AGAACTATAATGATGCTACTCAGGTGAGAGATTGTCGCTGTCTGGTCTTCTCGATCTTGACTGGGGAA
 GGATTATGTGCGTTCTAAGATTGCCGAATATGAACCATCTCATTGACATTGGTGTTCAGGGTTCAGA
 ATTGATGCTTCCAAGCACATGTGGCCTGGAGACATAAAGGCAATTTTGGACAAAATGCATAATCTAAACA
 GTAACCTGGTCCCGGAAGGTAGTAAACCTTTCATTTACCAGGAGTAATTGATCTGGGTGGTGGAGCAAT
 TAAAAGCAGTGACTACTTTGGTAATGGCCGGTGACAGAATTCAGTATGGTGCAAAAATCGGCACAGTT
 ATTCGCAAGTGGAAATGGAGAGAAGATGTCTTACTTAAAGAACTGGGGAGAAGGTTGGGGTTTCATGCCTT
 CTGACAGAGCGCTTGTCTTTGTGGATAACCATGACAATCAACGAGGACATGGCGCTGGAGGAGCCTCTAT
 ACTTACCTTCTGGGATGCTAGGCTGTACAAAATGGCAGTTGGATTTATGCTTGCATCCTTATGGATTT
 ACACGAGTAATGTCAAGCTACCGTTGGCCAAGATATTTGAAAATGAAAAGATGTTAATGATTGGGTTG
 GGCCACCAAATGATAATGGAGTAACTAAAGAAGTACTATTAATCCGGACACTACTTGTGGCAATGACTG
 GGTCTGTGAACATCGATGGCGCCAATAAGGAACATGGTAAATTTCCGCAATGTAGTGGATGGCCAGCCT
 TTTACAAAATGGTATGATAATGGGAGCAACCAAGTGGCTTTTGGGAGAGGAAACAGAGGATTCATTGTTT
 TCAACAAATGATGACTGGACATTTTCTTAACTTTGCAAATGGTCTTCTCCTGCTGGCACATACTGTGATGT
 CATTTCTGGAGATAAAATTAATGGCAACTGCACAGGCATTAATACTACGTTTCTGATGATGGCAAAGCT
 CATTTTCTATTAGTAACTCTGCTGAAGATCCATTTATTGCAATTCATGCTGAATCTAAATTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MKLFWLLFTIGFCWAQYSSNTQQGRTSIVHLFEWRWVDIALECERYLAPKGFVGVQVSPNENVAIHNP
 RPWWERYQPVSYKLCSTRSGNEDEFRNMVTRCANNVGVRIYVDAVINHMCGNAVSAGTSSTCGSYFNPGSRD
 FPAVPYSGWDFNDGKCKTSGSDIENYNDATQVRDCLSGLLDLALGKDYVRSKIAEYMNHLIDIGVAGFR
 IDASKHMWPGDIKAILDKLHNLNSNWFPEGSKPFYQEVIDLGGPEIKSSDYFGNGRVTEFKYGAKLGT
 VIRKWNGEKMSYLNKNGEGWGFMPSDRALVFDNHDNQRGHGAGGASILTFWDARLYKMAVGFMLAHPYGF
 TRVMSSYRWPYFENGKDVNDWVGPNDNGVTKEVTINPDTTGNDWVCEHRWRQIRNMMVFRNVVDGQP
 FTNWDYNGSNQVAFGRNRFIVFNDDWTFSLTLQGLPAGTYCDVISGDKINGNCTGIKIYVSDDGKA
 HFSISNSAEDPFIHIAESKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001008218

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:	<u>NM_001008218.1, NP_001008219.1</u>
RefSeq Size:	1838 bp
RefSeq ORF:	1536 bp
Locus ID:	277
UniProt ID:	<u>P04745</u>
Cytogenetics:	1p21.1
MW:	57.77 kDa