

Product datasheet for **RC203812A1V**

Human AMY2B (NM_020978) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human AMY2B (NM_020978) AAV Particle
Tag:	Myc-DDK
Symbol:	AMY2B
Synonyms:	AMY2; AMY3; HXA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC203812 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGTCTTTCTGTTGCTTTTACCATTGGGTTCTGCTGGGCTCAGTATCCCCAAATACACAACAAG
 GACGGACATCTATTGTTTCATCTGTTGAATGGCGATGGGTTGATATTGCTCTTGAATGTGAGCGATATTT
 AGCTCCCAAGGGATTGGAGGGTTTCAAGTCTCTCCACCAATGAAAATGTTGCAATTCACAACCTTTT
 AGACCTTGGTGGGAAAGATACCAACCAGTTAGCTATAAATTATGCACAAGATCTGAAATGAAGATGAAT
 TTAGAAACATGGTGACTAGATGTAACAATGTTGGGTTCTGATTTATGTGGATGCTGTAATTAATCATAT
 GTCTGGTAATGCTGTGAGTGCAGGAACAAGCAGTACCTGTGGAAGTACTTCAACCTGGAAGTAGGGAC
 TTTCCAGCAGTCCCATATTCTGGATGGGATTTTAAATGATGGAATGTAAACTGGAAGTGGAGATATCG
 AGAACTACAATGATGCTACTCAGGTGAGAGATTGCTGCTGGTGGTCTTCTTGATCTTGCACTGGAGAA
 AGATTATGTGCGTTCCAAGATTGCCGAATATATGAATCATCTCATTGACATTGGTGTGAGGGTTCAGA
 CTTGATGCTTCCAAGCACATGTGGCCTGGAGACATAAAGGCAATTTTGGACAACTGCATAATCTAAACA
 GTAAGTGGTCCCTGCAGGAAGTAAACCTTTTCATTACCAGGAGGTAAATGATCTGGGTGGTGAAGCAAT
 TAAAAGCAGTGACTACTTTGAAATGGCCGGTGACAGAATTCAGTATGGTGCAAACTCGGCACAGTT
 ATTCGCAAGTGAATGGAGAGAAGATGTCTTACCTAAAGAACTGGGAGAAAGTTGGGGTTTCATGCCTT
 CTGACAGAGCACTTGTCTTTGTGGATAACCATGACAATCAACGAGGACATGGGGCTGGAGGAGCCTCTAT
 TCTTACCTTCTGGGATGCTAGGCTGTATAAAATGGCAGTTGGATTTATGCTTGCTCATCCTTATGGTTTT
 ACACGAGTAATGTCAAGCTACCGTTGGCCAAGACAGTTTCAAAATGGAACGATGTTAATGATTGGGTTG
 GGCCACCAAAATAATAATGGAGTAATTAAGAAGTTACTATTAATCCAGACACTACTTGTGCAATGACTG
 GGTCTGTGAACATCGATGGCGCCAATAAGGAACATGGTTAATTTCCGCAATGTAGTGGATGGCCAGCCT
 TTTACAACTGGTATGATAATGGGAGCAACCAAGTGGCTTTTGGGAGAGGAAACAGAGGATTCATTGTTT
 TCAACAATGATGACTGGACATTTTCTTAACTTTGCAAACTGGTCTTCTGCTGGCACATACTGTGATGT
 CATTTCTGGAGATAAAATTAATGGCAATGCACAGGCATTAATCTACGTTTCTGACGATGGCAAAGCT
 CATTTTCTATTAGTAAGTCTGCTGAGGATCCATTTATTGCAATTCATGCTGAATCTAAATTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203812 protein sequence
 Red=Cloning site Green=Tags(s)

MKFFLLLFITIGFCWAQYSPNTQQGRTSIVHLFEWRWVDIALECYRLAPKGGVQVSPNENVAIHNP
 RPWWERYQPVSYKLCTRSGNEDEFNMVTRCANNVGVRIYVDAVINHMSGNAVSAGTSSTCGSYFNPGSRD
 FPAVPYSGWDFNDGKCKTSGDIENYNDATQVRDCRLVGLLDLALEKDYVRSKIAEYMNHLIDIGVAGFR
 LDASKHMWPGDIKAILDKLHNLNSNWFPAAGSKPFIYQEVIDLGGEPKSSDYFGNGRVTEFKYGAKLGT
 VIRKWNGEKMSYLNWGEWGFMPSPDRALVFVDNHDNQRGHGAGGASILTFWDARLYKMAVGFMLAHPYGF
 TRVMSSYRWPRQFQNGNDVNDWVGPNNNGVIKEVTINPDTCGNDWVCEHRWRQIRNMVFNVRNVVDGQP
 FTNWDYNGSNQVAFGRNRFIVFNDDWTFSLTLQGLPAGTYCDVISGDKINGNCTGIKIYVSDDGKA
 HFSISNSAEDPFIAIHAEKSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_020978

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_020978.3</u>
RefSeq Size:	2253 bp
RefSeq ORF:	1536 bp
Locus ID:	280
UniProt ID:	<u>P19961</u>
Cytogenetics:	1p21.1
MW:	57.7 kDa