

Product datasheet for **RC212584A1V**

Human DYRK1A (NM_001396) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DYRK1A (NM_001396) AAV Particle
Tag:	Myc-DDK
Symbol:	DYRK1A
Synonyms:	DYRK; DYRK1; HP86; MNB; MNBH; MRD7
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC212584 representing NM_001396
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCATACAGGAGGAGAGACTTCAGCATGCAAACCTTCATCTGTTCTGGCTTGACCGTCATTTTCATTCC
 ATGCTGCTGGCCTTCAGATGGCTGGACAGATGCCCCATTACATCAGTACAGTGACCGTCGCCAGCCAAA
 CATAAGTGACCAACAGGTTTCTGCCTTATCATATTCTGACCAGATTAGCAACCTCTAACTAACCAGGTG
 ATGCCTGATATTGTCATGTTACAGAGCGGATGCCCAAACCTTCCGTGACCCAGCAACTGCTCCCTGA
 GAAACTTTCTGTTGACTTGATCAAAACATACAAGCATATTAATGAGGTTTACTATGCAAAAAAGAAGCG
 AAGACACCAACAGGGCCAGGGAGACGATTCTAGTCATAAGAAGGAACGGAAGTTTACAATGATGGTTAT
 GATGATGATAACTATGATTATATTGTAAAAACGGAGAAAAGTGGATGGATCGTTACGAAATTGACTCCT
 TGATAGGCAAAGTTCTTTGGACAGGTTGTAAAGGCATATGATCGTGTGGAGCAAGAATGGGTTGCCAT
 TAAATAATAAAGAACAAGAAGGCTTTTCTGAATCAAGCACAGATAGAAGTGCAGCTTCTTGAGCTCATG
 AACAAACATGACACTGAAATGAAATACTACATAGTGCATTTGAAACGCCACTTTATGTTTCGAAACCATC
 TCTGTTTAGTTTTGAAATGCTGTCTACAACCTCTATGACTTGTGAGAAACACCAATTTCCGAGGGGT
 CTCTTTGAACCTAACACGAAAGTTTGCACAACAGATGTGCACTGCACTGCTTTTCTTGCAGCTCCAGAA
 CTTAGTATCATTCAGTGTGATCTAAAACCTGAAATATCCTTCTTTGTAAACCCAAACAGCAGTGAATCA
 AGATAGTTGACTTTGGCAGTTCTTGTGAGTGGGGCAGAGGATATACAGTATATTAGAGTCGCTTTTA
 TCGGTCTCCAGAGGTGCTACTGGGAATGCCTTATGACCTTGCCATTGATATGTGGTCCCTCGGTGTATT
 TTGGTTGAAATGCACACTGGAGAACCTCTGTTCACTGGTGCCAATGAGGTAGATCAGATGAATAAATAG
 TGGAAGTTCTGGGTATTCCACCTGCTCATATTCTTGACCAAGCACCAAAAGCAAGAAAGTTCTTTGAGAA
 GTTGCCAGATGGCACTTGGAACCTTAAAGAAGACCAAGATGGAAAACGGGAGTACAAACCACAGGAACC
 CGTAAACTTCATAACATTCTTGAGTGGAAACAGGAGGACCTGGTGGGCGACGTGCTGGGGAGTCAGGTC
 ATACGGTCGCTGACTACTGAAGTTCAAAGACCTATTTTAAGGATGCTTGATTATGACCCCAAACTCG
 AATTCAACCTTATTATGCTCTGCAGCACAGTTTCTTCAAGAAAACAGCTGATGAAGGTACAAATACAAGT
 AATAGTGTATCTACAAGCCCGCCATGGAGCAGTCTCAGTCTTCGGGCACCACTCCAGTACATCGTCAA
 GCTCAGGTGGCTCATCGGGACAAGCAACAGTGGGAGAGCCGGTCGGATCCGACGCACCAAGCATCGGCA
 CAGTGGTGGGCACTTCACAGCTGCCGTGCAGGCCATGGACTGCGAGACACACAGTCCCAAGTGCGTCAG
 CAATTTCTGCTCCTCTTGGTTGGTCAGGCACTGAAGCTCCTACACAGGTCACTGTTGAAACTCATCCTG
 TTCAAGAAACAACCTTTTCATGTAGCCCCCTCAACAGAATGCATTGCATCATCACCATGGTAACAGTTCCCA
 TCACCATCACCAACCACCACCACCATCACCAACCACATGGACAACAAGCCTTGGGTAAACGGAGCAGGCCA
 AGGGTCTACAATTCTCAACGAATAGCTCCTCTACCAAGATTCTATGGAGGTTGGCCACAGTCACCACT
 CCATGACATCCCTGTCTTCTCAACGACTTCTTCTCGACATCTTCTCCTCTACTGGTAACCAAGGCAA
 TCAGGCCTACCAGAATCGCCAGTGGCTGCTAATACCTTGACTTTGGACAGAATGGAGCTATGGACGTT
 AATTTGACCGTCTACTCCAATCCCCGCCAAGAGACTGGCATAGCTGGACATCCAACATACCAATTTCTG
 CTAATACAGGTCTGCACATTACATGACTGAAGGACATCTGACAATGAGGCAAGGGGCTGATAGAGAAGA
 GTCCCCATGACAGGAGTTTGTGTGCAACAGATCCTGTAGCTAGCTCG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC212584 representing NM_001396 Red=Cloning site Green=Tags(s) MHTGGETSACKPSSVRLAPSFHFAAGLQAGQMPHSHQYSDRRQPNISDQQVSALSYSDQIQQLTNQV MPDIIVMLQRRMPQTFRDPATAPLRKLSVDLIKTYKHINEVYYAKKKRRHQGGDDSSHKKERKQVNDGY DDDNYYDIYVKNGEKWMRYEIDSLIGKSGFQVVKAYDRVEQEWVAIKIKNKKAFLNQAQIEVRLLELM NKHDTMKYYIIVHLKRHFMRNHLCLVFEMLSYNLYDLLRNTNFRGVSLNLTRKFAQQMCTALLFLATPE LSIIHCDLKPENILLCNPKRSAIKIVDFGSSCQLGQRIYQYIQSRFYRSPEVLLGMPYDLAIDMWSLGCI LVEMHTGEPLFSGANEVDQMNKIVEVLGIPPAHILDQAPKARKFFEKLPGDTWNLKTKDKGREYKPPGT RKLHNLILGVETGGPGRRAGESGHTVADYLKFKDLILRMLDYDPKTRIQQPYALQHSFFKKTADEGTNTS NSVSTSPAMEQSQSSGTTSSSSSGSGTSNSGRARSDPTHQHRHSGGHFTAQVQAMDCETHSPQVRQ QFPAPLGWSGTEAPTQVTVEHPVQETTFHVAPQQNALHHHGGNSHHHHHHHHHHHGGQALGNRTRP RVYNSTNSSTQDSMEVGHSHSMTLSSTTSSSTSSSTGNQGNQAYQNRPAANTLDFGQNGAMDV NLTVYSNPRQETGIAGHPYQFSANTGPAHYMTEGHLTMRQGADREESPMTGVCVQQSPVASS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001396
ORF Size:	2289 bp
Buffer:	PBS with 0.001% Pluronic F6905
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_001396.2</u>
RefSeq Size:	5010 bp
RefSeq ORF:	2292 bp
Locus ID:	1859
UniProt ID:	<u>Q13627</u>
Cytogenetics:	21q22.13
MW:	85.4 kDa