

Product datasheet for **RC221139A1V**

Human ADAM2 (NM_001464) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ADAM2 (NM_001464) AAV Particle
Tag:	Myc-DDK
Symbol:	ADAM2
Synonyms:	CRYN1; CRYN2; CT15; FTNB; PH-30b; PH30; PH30-beta
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC221139 representing NM_001464
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTGGCGCGTCTTGTCTCTGCTCAGCGGGCTCGCGGGCTCGGATGGACAGTAATTTTGATAGTTTAC
 CTGTGCAAATTACAGTTCGGAGAAAATACGGTCAATAATAAGGAAGGAATTGAATCGCAGGCATCCTA
 CAAAATTGTAATTGAAGGGAACCATATACTGTGAATTTAATGCAAAAAAATTTTTACCCATAATTTT
 AGAGTTTACAGTTATAGTGGCACAGGAATTATGAAACCACTTGACCAAGATTTTCAGAATTTCTGCCACT
 ACCAAGGGTATATTGAAGGTTATCCAAAATCTGTGGTGATGGTTAGCACATGACTGGACTCAGGGGCGT
 ACTACAGTTTGAAAATGTTAGTTATGGAATAGAACCCCTGGAGTCTTCAGTTGGCTTTGAACATGTAATT
 TACCAAGTAAACATAAGAAAGCAGATGTTTCTTATATAATGAGAAGGATATTGAATCAAGAGATCTGT
 CCTTTAAATTACAAAGCGTAGAGCCACAGCAAGATTTTGCAAAGTATATAGAAATGCATGTTATAGTTGA
 AAAACAATTGTATAATCATATGGGGTCTGATACAACCTGTTGTCGCTCAAAAAGTTTTCCAGTTGATTGGA
 TTGACGAATGCTATTTTTGTTTCATTTAATATTACAATTATTCTGTCTTCATTGGAGCTTTGGATAGATG
 AAAATAAAATTGCAACCACTGGAGAAGCTAATGAGTTATTACACACATTTTTAAGATGGAACATCTTA
 TCTTGTTTTACGTCCTCATGATGTGGCATTTTTACTTGTTTACAGAGAAAAGTCAAATTATGTTGGTGCA
 ACCTTTCAAGGGAAGATGTGTGATGCAACTATGCAGGAGGTGTTGTTCTGCACCCAGAACCATAAAGTC
 TGGAATCACTTGCACTTATTTTAGCTCAATTATTGAGCCTTAGTATGGGGATCACTTATGATGACATTAA
 CAAATGCCAGTGCTCAGGAGCTGTCTGCATTATGAATCCAGAAGCAATTCATTTAGTGGTGTGAAGATC
 TTTAGTAACTGCAGCTTCGAAGACTTTGCACATTTTATTCAAAGCAGAAGTCCAGTGTCTTCACAATC
 AGCCTCGCTTAGATCCTTTTTTCAAACAGCAAGCAGTGTGTGGTAATGCAAAGCTGGAAGCAGGAGAGGA
 GTGTGACTGTGGGACTGAACAGGATTGTGCCCTTATTGGAGAAACATGCTGTGATATTGCCACATGTAGA
 TTTAAAGCCGGTTCAAACCTGTGCTGAAGGACCATGCTGCGAAAACCTGTCTATTTATGTCAAAAGAAAGAA
 TGTGTAGGCCCTTCCTTTGAAGAATGCGACCTCCCTGAATATTGCAATGGATCATCTGCATCATGCCCAGA
 AAACCACTATGTTTCAGACTGGGCATCCGTGTGGACTGAATCAATGGATCTGTATAGATGGAGTTTGTATG
 AGTGGGGATAAACAATGTACAGACACATTTGGCAAAGAAGTAGAGTTGGCCCTTCAGAAATGTTATTCTC
 ACCTTAATTCAAAGACTGATGTATCTGGAACTGTGGTATAAGTGATTCAGGATACACACAGTGTGAAGC
 TGACAATCTGCAGTGCAGGAAAATTAATATGTAATATGTAGGTAAATTTTTATTACAAATCCAAGAGCC
 ACTATTATTTATGCCAACATAAGTGGACATCTCTGCATTGCTGTGGAATTTGCCAGTGATCATGCAGACA
 GCCAAAAGATGTGGATAAAAGATGGAACCTTCTGTGGTTCAAATAAGGTTTGCAGGAATCAAAGATGTGT
 GAGTTCTTCATACTTGGGTTATGATTGTACTACTGACAAATGCAATGATAGAGGTGTATGCAATAACAAA
 AAGCACTGTCACTGTAGTGCTTCATATTTACCTCCAGATTGCTCAGTTCAATCAGATCTATGGCCTGGTG
 GGAGTATTGACAGTGGCAATTTTCCACCTGTAGCTATACCAGCCAGACTCCCTGAAAGGCGCTACATTGA
 GAACATTTACCATTCAAACCAATGAGATGGCCATTTTCTTATTTCCTTTCTTTATTATTTTCTGT
 GTACTGATTGCTATAATGGTGAAAGTTAATTTCCAAAGGAAAAAATGGAGAACTGAGGACTATTCAAGCG
 ATGAGCAACCTGAAAGTGAGAGTGAACCTAAAGGG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC221139 representing NM_001464 Red=Cloning site Green=Tags(s) MWRVLFLLSGLGGLRMDSNFDSLVPQITVPEKIRSIIEGIESQASYKIVIEGKPYTVNLMQKNFLPHNF RVYSYSGTGIMKPLDQDFQNFCHYQGYIEGYPKSVVMVSTCTGLRGLQFENVSYGIEPLESSVGFEHVI YQVKHKKADVSLYNEKDIESRDLSFKLQSVEPQQDFAKYIEMHVIVEKQLYNHMGSDTTVVAQKVFQLIG LTNAIFVSFNITIIILSSLELWIDENKIATTGEANELHTFLRWKTSYLVLRPHDVAFLLVYREKSNYVGA TFQGMCDANYAGGVVLHPRTISLESLAVILAQLLSLSMGITYDDINKCQCSGAVCIMNPEAIHFSGVKI FSNCSFEDFAHFISKQKSQCLHNQPRLDPFKQQAQVCGNAKLEAGEECDGTEQDCALIGETCCDIATCR FKAGSNCAEGPCCENCLFMSKERMCRPSFEEDLPEYCNCGSSASCPENHYVQTGHPCGLNQWICIDGVCN SGDKQCTDTFGKEVEFGPSECYSHLNSKTDVSGNCGISDSGYTQCEADNLQCGKLICKYVGKFLQIPRA TIIYANISGHLCAVEFASDHADSQKMWIKDGTSCGSNKVCRNQRCVSSSYLGYDCTTDKCNDRGVCNNK KHCHCSASYLPPDCSVQSDLWPGGSIDSGNFPVPAIPARLPERRYIENIYHSPMRWPFFLFIPFFIIFC VLIAIMVKVNFQRKKWRTEYSSDEQPESESEPKG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001464
ORF Size:	2205 bp
Buffer:	PBS with 0.001% Pluronic F8290
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_001464.3</u>
RefSeq Size:	2657 bp
RefSeq ORF:	2208 bp
Locus ID:	2515
UniProt ID:	<u>Q99965</u>
Cytogenetics:	8p11.22
MW:	82.3 kDa