

Product datasheet for **RC213791A1V**

Human PICALM (NM_007166) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PICALM (NM_007166) AAV Particle
Tag:	Myc-DDK
Symbol:	PICALM
Synonyms:	CALM; CLTH; LAP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC213791 representing NM_007166
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTCCGGCCAGAGCCTGACGGACCGAATCACTGCCGCCAGCACAGTGTACCGGCTCTGCCGTATCCA
 AGACAGTATGCAAGGCCACGACCCACGAGATCATGGGGCCCAAGAAAAAGCACCTGGACTACTTAATTCA
 GTGCACAAATGAGATGAATGTGAACATCCACAGTTGGCAGACAGTTTATTTGAAAGAACTACTAATAGT
 AGTTGGGTGGTGGTCTTCAAATCTCTCATTACAACCTCATCTTTGATGGTGTATGGAAATGAGCGTTTTA
 TTCAGTATTTGGCTTCAAGAAACAGTTGTTTAACTTAAGCAATTTTTTGGATAAAAGTGGATTGCAAGG
 ATATGACATGTCTACATTTATTAGGCGGTATAGTAGATATTTAAATGAGAAAGCAGTTTCATACAGACAA
 GTTGCAATTTGATTTACAAAAGTGAAGAGAGGGGCTGATGGAGTTATGAGAACAATGAACACAGAAAAAC
 TCCTAAAACTGTACCAATTATCAGAATCAGATGGATGCACTTCTTGATTTTAAATGTTAATAGCAATGA
 ACTTACAAATGGGGTAATAAATGCTGCCTTCATGCTCCTGTTCAAAGATGCCATTAGACTGTTTGCAGCA
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 TTGACATCTATAAGAAGTTCCTAACTAGGATGACAAGAATCTCAGAGTTCCTCAAAGTTGCAGAGCAAGT
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 CATTTAGCTTCTTGGAGGAAAGAAAAATCAAAGATTCTACAGCTGCAAGCAGGGCAACTACACTTTCCA
 ATGCAAGTGTCTCCCTGGCAAGCACTGGTCTATCTCTGACCAAGTGGATGAAAGGGAAAAAGCAGGCAGC
 ATTAGAGGAAGAACAGGCACGTTTGAAGCTTTAAAGGAACAGCGCCTAAAAGAACTTGCAAGAAACCT
 CATACCTCTTTAACAACCTGCAGCCTCTCCTGTATCCACCTCAGCAGGAGGGATAATGACTGCACCAGCCA
 TTGACATATTTCTACCCCTAGTTCTTCTAACAGCACATCAAAGCTGCCAATGATCTGCTTGATTTGCA
 GCAGCCAACCTTTTCAACCATCTGTACATCCTATGTCAACTGCTTCTCAGGTAGCAAGTACATGGGGAGAT
 CCTTTCTCTGCTACTGTAGATGCTGTTGATGATGCCATTCCAAGCTTAAATCCTTTCTCACAAAAAGTA
 GTGGTGTGTTACCTTTCCATTTCTTCCAGTGTATCTACTTTTACTACTAGGACACCTACTCATGAAAT
 GTTTGTTGGATTCACTCCTTCTCCAGTTGCACAGCCACACCCTTCAGCTGGCCTTAATGTTGACTTTGAA
 TCTGTGTTTGGAAATAAATCTACAAATGTTATTGTAGATTCTGGGGGCTTTGATGAACTAGGTGGACTTC
 TCAAACCAACAGTGGCCTCTCAGAACCAGAACCTTCTGTTGCCAACTCCACCTAGCAAGTTAGTATC
 TGATGACTTGGATTCACTTTAGCCAACCTTGTTGGCAATCTTGGCATCGGAAATGGAACCACTAAGAAT
 GATGTAAATTGGAGTCAACCAGGTGAAAGAAGTTAACTGGGGGATCTAACTGGCAACCAAGGTTGCAC
 CAACAACCGCTTGAATGCTGCAACAATGGCACCCCTGTAATGGCCTATCCTGCTACTACCAACAGG
 CATGATAGGATATGGAATTCCTCCACAATGGGAAGTGTCTGTAATGACGCAACCAACCTTAATATAC
 AGCCAGCTGTATGAGACCTCCAAACCCCTTTGGCCCTGTATCAGGAGCACAGATACAGTTTATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC213791 representing NM_007166 Red=Cloning site Green=Tags(s) MSGQSLTDRITAAQHSVTGSAVSKTVCKATTHEIMGPKKKHLDYLIQCTNEMNVNIPQLADSLFERTTNS SWVVVFKSLITTHHLMVYGNERFIQYLASRNTLFNLSNFLDKSGLQGYDMSTFIRRYSRYLNEKAVSYRQ VAFDFTKVKRGADGVMRTMTEKLLKTVPPIIQNQMDALLDFNVNSNELTNGVINAAMLLFKDAIRLFAA YNEGIINLLEKYFDMKKNQCKEGLDIYKKFLTRMTRISEFLKVAEQVGIDRGDIPDLSQAPSSLLDALEQ HLASLEGKKIKDSTAASRATTLNAVSSLASTGLSLTKVDEREKQAALEEEQARLKALKEQRLKELAKKP HTSLTTAASPVSTSAGGIMTAPAIDIFSTPSSSNSTSKLPNDLLDLQQPTFHPSVHPMSTASQVASTWGD PFSATVDAVDDAIPSLNPFLTSSGDVHLSSSDVSTFTTRTPTHEMFVGFTPSPVAQPHPSAGLNVDDE SVFGNKSTNVIDSGGFDELGGLLKPTVASQNQNLPAKLPSPKLVSDDLSSLANLVGNLGIGNGTTKN DYNWSQPGEKKLTGGSNWQPKVAPTTAWNAATMAPPMAYPATPTGMIGYGIPPQMGSVPVMTQPTLIY SQPVMRPPNPFPGVSGAQIQFM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_007166
ORF Size:	1956 bp
Buffer:	PBS with 0.001% Pluronic F7117
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_007166.2
RefSeq Size:	3860 bp
RefSeq ORF:	1959 bp
Locus ID:	8301
UniProt ID:	Q13492
Cytogenetics:	11q14.2
MW:	70.6 kDa