

Product datasheet for **RC215171A1V**

Human Calpain 9 (CAPN9) (NM_006615) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Calpain 9 (CAPN9) (NM_006615) AAV Particle
Tag:	Myc-DDK
Symbol:	CAPN9
Synonyms:	GC36; nCL-4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC215171 representing NM_006615
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTTACCTCTACCGGGCCCCAGGGCCTCAGGCACACCCGGTCCCAAGGACGCCCGGATCACCCACT
 CCTCAGGCCAGAGCTTTGAGCAAATGAGGCAGGAGTGCCTGCAGAGAGGCACCCTGTTTGAGGATGCAGA
 CTTCCAGCCAGCAATTCCTCCCTGTTCTACAGTGAGAGGCCGAGATCCCTTTGTGTGAAACGACCA
 GGGGAAATCGTGAAAAACCCAGAATTCATTCTTGGAGGGGCCACCAGGACTGATATCTGCCAGGAGAGC
 TGGGAGACTGTGGCTATTAGCCGCCATCGCTCCCTTACGCTTAATCAAAAAGCACTGGCCAGAGTCAT
 CCCCCAGGACCAAGATTTGGCCCTGGTTATGCCGGGATATCCATTTCCAGTTCTGGCAGCACAGTGAG
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 ACCACAACGAGTTCTGGAGCGCTTGTGAAAAAGCCTACGCCAAGCTAAATGGGAGCTATGAAGCTCT
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 GTGACGGTCCATCAGGGAAGCTGGGTTTCGCGGCTCCACGGCTGGGGGCTGCCGCAATTTCTGGATACCT
 TTTGGACCAATCCACAAATAAAATTGTCTCTGACTGAGAAAGATGAGGGCAGGAGGAGTGTAGTTTCCT
 TGTAGCCCTGATGCAGAAAGATAGAAGGAACTCAAGAGATTTGGTGCCAATGTGCTGACAATCGGCTAT
 GCCATTTATGAGTGCCCTGACAAAGACGAACACCTGAACAAAGACTTCTTCAGATACCACGCTTCTCGGG
 CCAGAAGCAAGACGTTTCATCAACCTGAGAGAAGTCTCCGACCGGTTCAAGCTGCCCCCTGGGGAGTACAT
 CCTGATTCCCAGCACTTTTGAGCCCCACCAGGAAGCTGATTTCTGTCTGAGAATCTTTTCAGAGAAAAAA
 GCCATTACCCGGGATATGGATGGAAATGTAGACATTGACCTTCTGAGCCTCCAAAGCCAACTCCACCTG
 ACCAGGAGACAGAGGAGGAGCAGCGTTTCGGGCTCTGTTTGAACAAGTCGCTGGTGAGGACATGGAGGT
 GACAGCAGAGGAACCTTGAGTATGTTTTAAATGCTGTGCTGCAAAAGAAAAAGGACATCAAATTAAGAAG
 CTAAGCCTGATCTCCTGTAAAAACATCATTTCCCTGATGGACACCAGCGCAATGGGAAGCTGGAGTTTG
 ATGAATTCAAAGTGTTCTGGGACAAGCTGAAGCAGTGGATTAACCTTTTCCTTCGGTTTGATGCTGACAA
 GTCCGGCACCATGTCTACCTATGAACTACGGACTGCACTGAAAGCTGCAGGCTTTCAGCTGAGCAGCCAC
 CTCCTGCAGCTGATTGTGCTCAGGTATGCGGATGAGGAGCTCCAGCTGGACTTCGATGACTTCTCAACT
 GCCTGGTCCGGCTGGAGAATGCGAGCCGGGTGTCCAGGCTCTCAGTACAAAGACAAGGAGTTCATTCA
 TCTCAATATAAATGAGTTCATCCATTTGACAATGAACATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC215171 representing NM_006615 Red=Cloning site Green=Tags(s) MPYL YRAPGPQAHPVPKDARITHSSGQSFEQMRQECLQRGTLFEDADFPASNSSLFYSERPQIPFVWKRPG GEIVKNPEFILGGATRTDICQGELGDCWLLAAIASLTLNQKALARVIPQDQRFPGPYAGIFHFQFWQHSE WLDVVIDDRLPTRDRLVFLHSADHNEFWSSALLEKAYAKLNGSYEALKGGSIAEMEDFTGGVAETFQTK EAPENFYEILEKALKRGSLLGCFIDTRSAAESEARTPFGLIKGHAYSVTGIDQVSFRGQRIELIRNPW GQVEWNGSWSDSSPEWRSVGPAAEQKRLCHTALDDGEFWMAFQDFKAHFDKVEICNLTPDALEEDAIIHKWE VTVHQGSWVRGSTAGGCRNFLDTFWTNPQIKLSLTEKDEGQECSFLVALMQKDRRKLKRFGANVLTIGY AIYECDPKDEHLNKDFFRYHASRARSKTFINLREVSDRFKLPPGEYILIPSTFEPHQEADFCLRIFSEKK AITRMDGNVDIDLPEPPKPTPPDQETEEEQRFALFEQVAGEDMEVTAELEYVLNAVLQKKKDIKFKK LSLISCKNIISLMDTSGNGKLEFDEFKVFWDKQWLNFLRFDADKSGTMSTYELRTALKAAGFQLSSH LLQLIVLRYADEELQLDFDDLNLVRLNASRVFQALSTKNKEFIHLNINEFIHLTMNI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006615
ORF Size:	2070 bp
Buffer:	PBS with 0.001% Pluronic F7333
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_006615.2</u>
RefSeq Size:	2362 bp
RefSeq ORF:	2073 bp
Locus ID:	10753
UniProt ID:	<u>O14815</u>
Cytogenetics:	1q42.2
MW:	78.9 kDa