

Product datasheet for **RC214563A1V**

Human Calpain 12 (CAPN12) (NM_144691) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Calpain 12 (CAPN12) (NM_144691) AAV Particle
Tag:	Myc-DDK
Symbol:	CAPN12
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC214563 representing NM_144691
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCATCCAGCAGTGGGAGGGTCACCATCCAGCTCGTGGATGAGGAGGCTGGGGTCGGAGCCGGGCGCC
 TGCAGCTTTTTCGGGGCCAGAGCTATGAGGCAATTCGGGCAGCCTGCCTGGATTCGGGGATCCTGTTCCG
 CGACCCCTTACTCCCTGCTGGCCCTGATGCCCTTGCTATGACCAGCTGGGGCCGGAAGTTCGAGAGAAGGCC
 AAAGGCGTGAAATGGATGAGGCCCATGAGTTCTGTGCTGAGCCGAAGTTCATCTGTGAAGACATGAGCC
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 TCCCCGGCTCCTGCGCCGGTGGTCCCTCCTGGACAGGATTTCCAGCATGGGTACGCAGGCGTCTTCCAC
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 GCTCCACGGCTCCTATGAGGTGATGCGGGCGGCCACATGAATGAGGCTTTTGTGGATTTACAGGCGGC
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 CGAGGATGAGGAAGGGCCCTGGGGGGCTGGGGGGCTGCAGGGGCACGGGGCCAGCGCGGGGGGGCCGC
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 CCTGCAGTCTTCCAGGGCCCCACCTGCCCTGGAGCTGGGGTTGGAGCAGCTGTTTCAGGAGCTGGCT
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 CCCATACCTCCACCCCAAGAGATCGGGCTCAGGACCTGTGAGCAGCTGCTGCAGTGTTTCGGGCATGG
 GCAAAGCTGGCCTTACACCACTTCCAGCAGCTCTGGGGCTACCTCCTGGAGTGGCAGGCCATATTTAAC
 AAGTTCGATGAGGACACCTCTGGAACCATGAACTCCTACGAGCTGAGGCTGGCACTGAATGCAGCAGGCT
 TCCACCTGAACAACAGCTGACCCAGACCCTCACCAGCCGCTACCGGGATAGCCGTCTGCGTGTGGACTT
 CGAGCGGTTCTGTCTGTGTGGCCACCTCACCTGCATCTTCTGCCACTGCAGCCAGCACCTGGATGGG
 GGTGAGGGGTGATCTGCCTGACCCACAGACAGTGGATGGAGGTGGCCACCTTCTCC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC214563 representing NM_144691 Red=Cloning site Green=Tags(s) MASSSGRVTIQLVDEEAGVGAGRLQLFRGQSYEAIRAACLDGILFRDPYFPAGPDALGYDQLGPDSEKA KGVKWMPHEFCAEPKFICEDMSRTDVCQSLGNCWFLAAAASLTLYPRLLRRVPPGQDFQHGAYGVFH FQLWQFGRWMDVVDDRLPVREGKLMFVRSEQRNEFWAPLLEKAYAKLHGSYEVMRGGHMNEAFVDFGTG VGEVLYLRQNSMGLFSALRHAKESLVGATALSDRGEYRTEEGLVKGHAYSITGTHKVFLGFTKVRLLR LRNPWGCVEWTGAWSDCPRWDTLPTECRDALLVKKEDGEFWMELRDFLLHFDTVQICSLSPEVLGPSPE GGGWHVHTFQGRWVRGFNSGGSQPNAETFWTNPQFRLTLEPDEEDEDDEEGPWGGWGAAGARGPARGG TPKCTVLLSLIQRNRRRLRAKGLTYLTVGFHVFQIPEELLGLWDSRSHALLPRLLRADRSPLSARRDVT RRCCLRPGHYLVVPSTAHAGDEADFTLRVFSERRHTAVEIDDISADLQSLQGPYLPLELGLEQLFQELA GEEELNASQLQALLSIALEPARAHTSTPREIGLRTCEQLLQCFGHGQSLALHHFQQLWGYLLEWQAI KFDSDTSGTMNSYELRLALNAAGFHLNNQLTQTLTSRYRDSRLRVDFERFVSCVAHLTCIFCHCSQHLDG GEGVICLTHRQWMEVATFS SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_144691
ORF Size:	2157 bp
Buffer:	PBS with 0.001% Pluronic F7233
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_144691.3 , NP_653292.2
RefSeq Size:	3129 bp
RefSeq ORF:	2160 bp
Locus ID:	147968
UniProt ID:	Q6ZSI9
Cytogenetics:	19q13.2
MW:	80.9 kDa