

Product datasheet for **RC226657A1V**

Human Calpain 14 (CAPN14) (NM_001145122) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Calpain 14 (CAPN14) (NM_001145122) AAV Particle
Tag:	Myc-DDK
Symbol:	CAPN14
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC226657 representing NM_001145122
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCTCTGTGGCCACCTTTCCGATGCAGATGGAAGCTGGCGCCAAGGTAAGTCTAGGAGGGCGTCTCCAC
 AGCAACCCCAACAGGACTTTGAGGCCCTGCTGGCAGAGTGCCTGAGGAATGGCTGCCTCTTTGAAGACAC
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 TGAAGAGGCCCCCGGAGCTGCACAGCAATCCCAAGTTTATTTTGAAGGCCAAAAGGCTGGATCTGT
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 CTGGGAGCAGCTGCACGCTGCCATGAGGGAGGCAGGAATCATGCTCAGTGATGACGTCTGTGAGTGATG
 CTCATCCGCTACGGCGGCCCGCCCTCCAGATGGACTTGTGAGTTTATCCACTTGATGCTGCGTGTAG
 AGAACATGGAGGATGTCTTCCAAAATTAACCAAGATGGCAAAGGGATATACCTCCAGAAGCCAGAGTG
 GATGATGATGGCACTGTACTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC226657 representing NM_001145122 Red=Cloning site Green=Tags(s) MSLWPPFRCRWKLAPRYSRRASPQQPQQDFEALLAECLRNGCLFEDTSFPATLSSIGSGSLLQKLPPRLQ WKRPELHNSNPQFYFAKAKRLDLCQGI VGDCWFLAALQALALHQDILSRVVPLNQSFTEKYAGIFRFFW HYGNWVPVVIDRPLVNEAGQLV FVSSTYKNLFWGALLEKAYAKLSGSYEDLQSGQVSEALVDF TGGVTM TINLAEAHGNLWDILIEATYNRTLIGCQTHSGEKILENGLVEGHAYTLTGIRKVTCKHRPEYLVKLRNPW GKVEWKGDWSDSSSKWELLSPKEKILLRKDNDGEFWMTLQDFKTHFVLLVICKLTPGLLSQEAQKWTY TMREGRWEKRSTAGGQRQLLQDTFWKNPQFLLSVWRPEEGRRSLRPCSVLVSLQKPRHRCRKRKPLLA GFYLYRMNKYHDDQRRLPPEFFQRNTPLSQPDRFLKEKEVSQELCLEPGTYLIVPCILEAHQKSEFVLRV FSRKHIFYEIGSNSGVVFSKEIEDQNERQDEFFTKFFEKHPEINAVQLQNLNMQMTWSSLGSRQPFFSLE ACQGILALLDLNASGTMSIQEFRDLWKQLKLSQKV FHKQDRSGYL NWEQLHAAMREAGIMLSD DVCQLM LIRYGGPRLQMDVFVSIHLMLRVENMEDVFQNL TQDGKGIYLQKPEWMMMALYS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001145122
ORF Size:	2052 bp
Buffer:	PBS with 0.001% Pluronic F9154
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_001145122.1</u>
RefSeq ORF:	2055 bp
Locus ID:	440854
UniProt ID:	<u>A8MX76</u>
Cytogenetics:	2p23.1
MW:	79.4 kDa