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Product datasheet for RC229358A1V

Human Calpain 11 (CAPN11) (NM_007058) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Calpain 11 (CAPN11) (NM_007058) AAV Particle
Tag:	Myc-DDK
Symbol:	CAPN11
Synonyms:	calpain11
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

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ORF Nucleotide Sequence:

>RC229358 representing NM_007058
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTGTACTCCCCAGGGCCGAGTCTTCCGGAGTCAGCAGAGAGCCTGGATGGATCACAGGAGGATAAGC
CTCGGGGCTCATGTGCGGAGCCCACTTTTACTGATACGGGAATGGTGGCTCACATAAACAACAGCCGGCT
CAAGGCCAAGGGCGTGGGCCAGCACGACAACGCCCAGAACTTTGGTAACCAGAGCTTTGAGGAGCTGCGA
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CAACAAGGTAATGCAGGTCCTGGTGGCCAGGTATGCAGATGATGACCTGATCATAGACTTTGACAGCTTC
ATCAGCTGTTTCCTGAGGCTAAAGACCATGTTCACATTCTTTCTAACCATGGACCCCAAGAATACTGGCC
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC229358 representing NM_007058
Red=Cloning site Green=Tags(s)

MLYSPGPSLPESAESLDGSQEDKPRGSCAEPTFTDTGMVAHINNSRLKAKGVGQHDNAQNFGNQSFEELR
AACLRKGELFEDPLFPAEPSSLGFKDLGPNSKNVQNISWQRPKDIINNPLFIMDGISPTDICQGILGDCW
LLAAIGSLTTCPKLLYRVVPRGQSFKKNYAGIFHFQIWQFGQWVNVVVDDRLPTKNDKLVFVHSTERSEF
WSALLEKAYAKLSGSYEALSGGSTMEGLEDFTGGVAQSFQLQRPPQNLLRLLRKAVERSSLMGCSIEVTS
DSELESMTDKMLVRGHAYSVTGLQDVHYRGKMETLIRVRNPWGRIEWNGAWSDSAREWEEVASDIQMQLL
HKTEDGEFWMSYQDFLNNFTLLEICNLTPDTLSGDYKSYWHTTFYEGSWRRGSSAGGCRNHPGTFWTNPQ
FKISLPEGDDPEDDAEGNVVVCTCLVALMQKNWRHARQQGAQLQTIGFVLYAVPKEFQNIQDVHLKKEFF
TKYQDHGFSEIFTNSREVSSQLRLPPGEYIIIPSTFEPHRDADFLLRVFTEKHSESWELDEVNYAEQLQE
EKVSEDDMDQDFLHLFKIVAGEGKEIGVYELQRLLNRMAIKFKSFKTKGFGLDACRCMINLMDKDGSGKL
GLLEFKILWKKLKKWMDIFRECDQDHSGTLNSYEMRLVIEKAGIKLNNKVMQVLVARYADDDLIIDFDSF
ISCFLRLKTMFTFFLTMDPKNTGHICLSLEQWLQMTMWG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_007058

ORF Size: 2217 bp

Buffer: PBS with 0.001% Pluronic F9630

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_007058.3

RefSeq ORF: 2220 bp

Locus ID: 11131

UniProt ID: Q9UMQ6

Cytogenetics: 6p21.1

MW: 84.2 kDa