

Product datasheet for **MR222568A1V**

Mouse Pacsin2 (NM_001159510) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Pacsin2 (NM_001159510) AAV Particle
Tag:	Myc-DDK
Symbol:	Pacsin2
Synonyms:	A1197433
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR222568 representing NM_001159510
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGTGCACCTACGATGACTCTGTGGGAGTGAAGTGTCCAGCGACAGCTTCTGGGAGTTGGGAAC
 ACAAACGACTGTGAAGCGGATTGACGATGGCCACCGCCTGTGTGGTGAACCTCATGAACGTCTGCATGA
 GCGGGCACGCATCGAGAAGGCGTATGCACAGCAGCTCACTGAGTGGGCCCGACGCTGGAGGCAGCTGGTA
 GAGAAGGGACCACAGTATGGGACCGTGGAGAAGGCTGGATAGCTGTCATGTCTGAAGCAGAGAGGGTGA
 GTGAACGCACCTGGAAGTGAAGGCATCACTGATGAATGAAGACTTTGAGAAGATCAAGAAGTGGCAGAA
 GGAAGCCTTTCACAAGCAGATGATGGGAGGCTTCAAGGAGACCAAGAAGCAGAGGATGGCTTTCGGAAG
 GCCCAGAAGCCCTGGGCCAAGAAGCTGAAAGAGGTGGAAGCGGCAAGAAGGCGCACACACAGCGTGCA
 AAGAGGAGAAGCTGGCCATCTCCGGGAAGCCAACAGCAAGGCAGATCCATCCCTCAACCCTGAGCAGCT
 GAAGAACTGCAAGACAAGATAGAAAAATGCAACAGGACGTTCTAAAGACCAAGGACAAGTATGAGAAG
 TCCTGAAGGAGCTTGATCAGACCACACCCAGTACATGGAGAACATGGAGCAGGTGTTGAGCAGTGCC
 AGCAGTTTGAAGAGAAGCGCCTGCGCTTCTCCGGGAGGTTCTGCTGGAGGTTGAGAAGCACTTGGATCT
 GTCCAATGTGGCTAGCTATAAAACCATTTACCGGGAGCTGGAGCAGAGCATCAAAGCAGCAGATGCGGTA
 GAGGACCTGAGGTGGTTCGGGCTAACCATGGGCCAGGCATGGCTATGAACTGGCCACAGTTTGAGGAGT
 GGTCTGCAGATCTGAATCGAAGTCTCAGCCGGAGAGAGAAGAAGAAGGCTGTTGACGGTGTCAACCCTAAC
 AGGGATCAACCAGACAGGTGACCACTCTGGACAGAACAAGCCTGGCAGCAACCTTAGTGTCCCGAGCAAC
 CCCGCCAGTCCACGCAGTTACAGTCCAGCTACAACCCCTTCGAGGACGAGGACGACACGGGCAGCAGCA
 TCAGTGAGAAGGAGGACATTAAGGCCAAAAATGTCAGCAGCTATGAGAAGACTCAGACTACCCCACTGA
 CTGGTCTGATGATGAGTCTAACCAACCTTCTCCTCCACGGATGCCAACGGGGATTGCAACCCATTTGAT
 GAGGACACGACCTCAGGAACAGAAGTGCAGGATTCGGGCCCTCTATGACTATGAGGGGCAGGAACATGATG
 AGCTGAGCTTCAAGGCTGGGATGAACTGACCAAGATAGAGGATGAAGATGAACAGGGTTGGTCAAGGG
 ACGTTTAGACAGCGGCCAGGTTGGCCTATACCCAGCCAACATGTGCGAGGCTATCCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSVTYDDSVGVEVSSDSFWEVGNKRTVKRIDDGHRLCGDLMNCLHERARIEKAYAQQLEWARRWRQLV
 EKGPQYGTVEKAWIAVMSEAERVSELHLEVKASLMNEDFEKIKNWQKEAFHKQMMGGFKETKEAEDGFRK
 AQKPWAKKLKEVEAAKKAHTACKEEKLAISREANSKADPSLNPEQLKKLQDKIEKCKQDVLKTKDKYK
 SLKELDQTTTPQYMNMEQVFEQCQQFEEKRLRFFREVLLLEVQKHLDL SNVASYKTIYRELEQSIKAADAV
 EDLRWFRANHGPGMAMNWPQFEEWSADLNRTL SRREKKKAVDGVTLTGINQTGDQSGQNKPGSNLSVPSN
 PAQSTQLQSSYNPFEDDDTGSSISEKEDIKAKNVSSYEKQTQYPTDWSDESNPFSSSTDANGDNPFD
 EDTTSGTEVRVRLYDYEGQEHDEL SFKAGDELTKIEDEDEQGWCKGRLDGSGVGLYPANYVEAIQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001159510

ORF Size:

1458 bp

Buffer:

PBS with 0.001% Pluronic F68

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_001159510.1, NP_001152982.1</u>
RefSeq Size:	3644 bp
RefSeq ORF:	1461 bp
Locus ID:	23970
UniProt ID:	<u>Q9WVE8</u>
Cytogenetics:	15 E1
MW:	55.8 kDa