

Product datasheet for **MR230849A1V**

Mouse Cast (NM_001301157) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Cast (NM_001301157) AAV Particle
Tag:	Myc-DDK
Symbol:	Cast
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>MR230849 representing NM_001301157
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTACCACAGAGACTAAGGCTGTGAAAACAGAGTCTAAGAAACCACAATCAAGTGAGCAACCTGTGG
 TTCACGAGAAAAAGTCAAAAGGAGGGCCAAAGGAAGGGTCAGAGCCAAAAATCTTCCGAAGCACACATC
 AAGTACAGGAAGCAAGCATGCTCATAAAGAAAAAGCACTTTCCAGATCAAATGAACAGATGGTGTGAGAG
 AAACCATCAGAATCAAAGACAAAATTTCAAGATGTTCTTCAGCTGGTGGAGAGAGTGTGGCTGGAGGTG
 GGACTGTGGCCACTGCCTTGGACAAAGTGGTGGTAAGAAAAAAGAACAGAAACCATTCACACCAGCTTC
 ACCTGTGCAGTCCACACCGAGCAAGCCATCTGACAAGTCAGGCATGGATGCTGCCTTGGATGACCTGATA
 GACACCTTAGGTGGACATGAAGATACTAACAGAGATGATCCACCATATACTGGACCACTAGTTTTGGACC
 CAATGTATTCTACCTACCTTGAAGCACTGGGTATAAAGAAAGGGACTATTCCTCCAGAGTATAGGAACT
 TTTGAAAAAAATGAAGGGATCACACAACCTCTCCAGACTCTCCTAAACCTATGGGGACTGACCAGGCT
 ATAGATGCCTTGTCTATCTGATTTACCTGTAGTTCTCCAAGTGAAGGCAAGTGAAGGAGAGAGTCTA
 CTGGGGAAATTTTCAAAGCTCAGTCTGCAGGAGTGACCAGAAGTTCTGTTCCCCCAAGGAGAAGAAAAAG
 GAAGGTGGAAGAGGAGGTCAATAATGATCAAGCACTTCAGGCTCTGTGAGATTCACTGGGCACCCGGCAG
 CCAGATCCTCCGAGCCACGTTAGCCAAGCTGAACAAGTCAAAGAGGCAAAAGCAAAAGAAAGAGGCAGG
 AGAAGTGTGGTGAAGATGAGGACACAGTCCCAGCTGAGTACAGGTTAAACCAGCAAAGGATAAAGATGG
 AAAACCACTATTGCCAGAGCCTGAAGAAACATCTAAGAGCCTGAGTGAGTCGGAGCTGATTGGGGAGCTT
 TCAGCAGATTTTGACCGATCTACATATCAAGACAAACCATCTACGCCAGCTGAAAAGAAATCCAATGACA
 CATCCCAAACCTCTCCGGGGAGACTGTGCCTCGGGCTCCATGTGCAGTATACGGTCAGCGCCACCCAA
 ACTAGCATCCTTGAAGGGCGTGGTACCAGAAGATGCTGTTGAAACCTTGGCTGGAAGCCTGGGGACAAGG
 GAAGCAGATCCAGAACATGAAAAAACTGTGGAGGATAAAGTCAAGGAGAAAGCTAAAGAAGAAGAGCATG
 AAAAAGTGTGGTAAAAAGAAGAAACAGTGCCTCCTGATTATCGACTAGAAGAAAGTCAAGGATAAGGATGG
 AAAACCACTCCTGCCAAAGAATCCCAGGAACAACCTTGACCCCTTAAGCGATGACTTCCTTCTTGATGCC
 TTGTCTCAGGACTTCTCCAGTCCGGCAACATATCGTCTCTTGAATTTGAAGATGCCAACTTTCTGCTG
 CCATTTCTGAAGTAGTTTCTCAGACACCTGCTCCAAGCACCCATGCAGCAGCTCCACTGCCTGGCACTGA
 GCAGAAAGACAAAGAACTTGATGATGCCTTGGATGAACCTTCTGACAGTCTTGGACAAAGGCCGCTGAT
 CCAGATGAGAACAAACCACTGGATGACAAAGTGAAGGAGAAAAATCAAACCAGAGCATAGCGAGAACTGG
 GAGAAAGAGACGACACCATCCCCCTGAATACAGGCATCTCTTGATAATGATGGGAAGAAACCTGATCA
 GGACCGGGACCCATTGATGCCCTCTCAGAAGATTTGGATAGCTGCCCTCAACTACAGAGACCTCAAAG
 AATACAGCAAAGGGGAAGAGCAAGAAGACTTCAAGTTCCAAAGCATCCAAGGACGGAGAGAAAACAAAGG
 ACTCTTCCAAGAAGACAGAGGAAGTGTCCAAGCCAAAGGCTAAAGAAGATGCAAGACACAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR230849 representing NM_001301157 Red=Cloning site Green=Tags(s) MSTTETKAVKTESKKPQSSEQPVVHEKKS KGGPKEGSEPKNLPKHTSSTGSKHAHKEKALSRSEQMVSE KPSESKTKFQDVPSAGGESVAGGGTVATALDKVVGKKKEQKPFTPASPVQSTPSKPSDKSGMDAALDDLI DTLGGHEDTNRDDPPYTGPVLDPMYSTYLEALGIKEGTIPPEYRKLLKNEGITQPLPDSPKPMGTDQA IDALSSDFTCSSPTGKQSEKEKSTGEIFKAQSAGVTRSSVPPKEKKRKVEEEVINDQALQALSDSLGTRQ PDPPSHVSQAEQVKEAKAKEERQEKCGEDEDTPAEYRLKPAKDKDGKPLLPEPEETSKSLSESELIGEL SADFDIRSTYQDKPSTPAEKKSNDTSQTTPGETVPRASMCSIRSAPPKLASLKGVPEDAVETLAGSLGTR EADPEHEKTVEDKVKEKAKEEEHEKLGEKEETVPPDYRL EEVKDKDGKPLLPKESQEQLAPLSDDFLLDA LSQDFSSPANISSLEFEDAKLSAAISEVVSQTPAPSTHAAAPLPGTEQKDKELDDALDELSDSLGQRPPD PDENKPLDDKVKEKIKPEHSEKLGERDDTIPPEYRHLLDNDGKKPDQDRDPIDALSEDLDSCPSTTETSK NTAKGSKKTS SSKASKDGEKTKDSSKKEEVSKPAKEDARHS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001301157
ORF Size:	2022 bp
Buffer:	PBS with 0.001% Pluronic F4627
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_001301157.1, NP_001288086.1</u>
RefSeq Size:	3803 bp
RefSeq ORF:	2025 bp
Locus ID:	12380
Cytogenetics:	13 C1
MW:	73 kDa