

Product datasheet for **MR210160A1V**

Mouse Mre11a (NM_018736) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Mre11a (NM_018736) AAV Particle
Tag:	Myc-DDK
Symbol:	Mre11a
Synonyms:	Mre11; Mre11b
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210160 representing NM_018736
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCCCCACAGATCCACTTGACGATGAAGACACATTTAAATCCTGGTTGCCACTGATATTCATCTTG
 GATTTATGGAGAAAGATGCAGTTAGAGGAAATGATACATTTGTGACATTTGATGAAATCTTAAGACTTGC
 CCTGGAATGAAAGTGGATTTTATTTTGTAGGTGGTGATCTTTCCATGAAAACAAGCCCTCGAGGAAA
 ACCCTGCACAGCTGCTTGGAGCTGCTTAGGAAGTACTGTATGGGTGACCGCCCTGTGCAGTTTGAGGTCA
 TCAGTGATCAGTCAGTCAACTTTGGTTTTAGTAAGTTTCCATGGGTGAACTACCAGGATGGCAATCTCAA
 CATTTCCATTCCAGTATTTAGTATCCACGGCAACCATGATGATCCACGGGGGCAGATGCCCTCTGTGCC
 CTGGATGTTTTAAGCTGTGCTGGGTTTGTGAATCACTTTGGACGGTCAATGTCCGTGGAGAAGGTTGACA
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 TGGATGACTTCATCGACCTCGTTATCTGGGGCCATGAACATGAGTGTAATTTGGCCCAATCAAAAATGA
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 GGTGACCCAGGCCATCCAGAGCTTCTGTCTGGAGAAGATTGAAGAAATGCTTGACAGTGCTGAGCGGGAA
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 AACCTTTCAACGTTCTTCGTTTTAGCCAGAAGTTTGTGGATCGAGTCGTAACCCAAAAGATGTCATCCA
 CTTTTTCAGGCACAGGGAAACAAAAGGGAAAAACAGGAGAAGAGATCAACTTTGGGATGCTCATCACAAA
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 GAAAGATGCCATCGAGGAATTAGTGAAGTACCAGCTGGAGAAAACACAGCGGTTTCTTAAGGAGCGCCAT
 ATTGATGCTCTGGAAGACAAGATTGATGAGGAGGTCCGACGTTTCCGAGAAAGCAGACAGAGAAATACCA
 ACGAAGAAGATGATGAAGTTCGAGAGGCCATGAGCAGAGCCCGGGCCCTCAGATCACAGTCAGAGACCTC
 CACCTCAGCCTTTAGTGCTGAGGACCTGAGCTTTGATACATCGGAGCAGACAGCAATGACTCTGATGAC
 AGCCTGTCAGCAGTGCCGAGCAGAGGCCGAGGCCGAGGCCGAGGCCGAGGCCGAGGCCGAGGCCGAGGCT
 CGGCACCTAGAGGAGGCTCTCAGAGAGGCCGAGACACTGGGCTGGAGATCACTACTCGAGGCAGGAGCTC
 AAAGGCCACCTCATCAACATCTAGAAACATGTCCATTATAGACGCTTTCAGATCTACCCGACAACAGCCT
 TCTAGAAATGTAGCCCTAAGAAATTAAGTCAAGAGACATTGAGGTGGATGACTCTGACGAAGATGACATTT
 TTCCTACCAATCCAGGGCTGATCAAAGGTGGTCGGGCACAACATCTAGCAAACGGATGTCCAGAGCCA
 GACAGCCAAAGGGGTAGACTTTGAATCAGATGAGGATGATGACGATGACCCTTTCATGAGCAGTAGTTGC
 CCAAGAAGAAACCGAAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210160 representing NM_018736 Red=Cloning site Green=Tags(s) MSPTDPLDDEDTFKILVATDIHLGFMEKDAVRGNDTFVTFDEILRLALENEVDFILLGGDLFHENKPSRK TLHSCLELLRKYCMGDRPVQFEVISDQSVNFGFSKFPWVNYQDGNLNISIPVFSIHGNHDDPTGADALCA LDVLSGAGFVNHFGRSMSVEKVDISPVLLQKGSTKLALYGLGSIPDERLYRMFVNKKVTMLRPKEDENSW FNLFVIHQNRSKHGNTNFIPEQFLDDFIDLVIWGHEHECKIGPIKNEQQLFYVSQPGSSVVTSLSPGEAV KKHVGLLRIGRKMMNQKLPLRTVRRFFIEDVVLANHPNLFNPDNPKVTQAIQSFCLEKIEEMLDSAERE RLGNPQQPGKPLIRLRVDYSGGFEPFNVLRFSSQKFVDRVANPKDVIHFFRHRREQKGKTGEEINFGMLITK PASEGATLRVEDLVKQYFQTAENKQVLSLLTERGMGEAVQEFVDKEEKDAIEELVKYQLEKTQRFLKERH IDALEDKIDEEVRRFRESRQRNTNEEDDEVREAMSRARALRSQSETSTSAFSAEDLSFDTSEQTANDSDD SLSAVPSRGRGRGRGRGARGQSSAPRGGSSQGRDTGLEITTRGRSSKATSSTSRNMSIIDAFRSTRQQP SRNVAPKNYSETIEVDDSDDEDDIFPTNSRADQRWSGTTSSKRMSQSQTAKGVDFEDEDDEDDPFMSSSC PRRNR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_018736
ORF Size:	2118 bp
Buffer:	PBS with 0.001% Pluronic F1257
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_018736.2</u>
RefSeq Size:	3034 bp
RefSeq ORF:	2121 bp
Locus ID:	17535
UniProt ID:	<u>Q61216</u>
Cytogenetics:	9 A2
MW:	80.7 kDa