

Product datasheet for **MR207463A1V**

Mouse Smad2 (NM_010754) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Smad2 (NM_010754) AAV Particle
Tag:	Myc-DDK
Symbol:	Smad2
Synonyms:	7120426M23Rik; Madh2; Madr2; mMad2; Smad-2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR207463 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGTCACCTTTGCCATTCACTCCGCCAGTGGTGAAGAGACTTCTGGGATGGAAAAATCAGCCGGTG
 GGTCTGGAGGAGCAGGTGGTGGAGAGCAGAATGGACAGGAAGAAAAGTGGTGTGAAAAAGCAGTAAAAAG
 TCTGGTAAAAAGCTAAAGAAAACAGGACGGTTAGATGAGCTTGAAGAAAGCCATCACCCTCAGAATTGC
 AATACTAAGTGTGTACCATACCAAGCACTTGTCTGAAATTTGGGGACTGAGTACAGCAAAATACGGTAG
 ATCAGTGGGACACAACAGGCCTTACAGCTTCTCTGAACAAACCAGGTCTCTTGTATGGCCGCTTTCAGGT
 TTCACACCGGAAAGGTTGCCACATGTTATATATTGCCGGCTCTGGCGCTGGCCGGACCTTCACAGTCAT
 CATGAGCTCAAGGCAATCGAAAACGCAATATGCTTTTAACTGAAAAAAGATGAAGTGTGTAAATC
 CGTACCCTACCAGAGAGTTGAGACCCAGTCTTGCTCCAGTCTTAGTCCCTCGGCACACGGAGATTCT
 AACAGAACTGCCTCCCCTGGATGACTACCCACTCCATTCCAGAAAACAAAAATTTCCAGCAGGAATT
 GAGCCACAGAGTAATTACATCCCAGAAAACACCACCCTGGATATATCAGTGAAGATGGAGAAAACAAAGT
 ACCAACAGTTGAACCAAAGTATGGACACAGGCTCTCCGGCTGAACTGTCTCTACTACTCTCTCTCTCTGT
 TAATCACAGCTTGGATTTGCAGCCAGTTACTTACTCGGAACCTGCATTCTGGTGTCAATCGCATACTAT
 GAACTAAACCAGAGGGTTGGAGAGACCTTCCATGCGTACAGCCCTCGCTCACTGTAGACGGCTTACAG
 ACCCATCAAACCGGAGAGGTTCTGCTTAGGCTTGCTCTCCAACGTTAACCGAAATGCCACTGTAGAAAT
 GACAAGAAGACATATAGGAAGGGGAGTGCCTTGATTACATAGGTGGGAAGTGTGCTGAGTGCCTA
 AGTGATAGTGAATCTTTGTGCAGAGCCCCAAGTGTACACAGAGATACGGCTGGCACCCTGCAACAGTGT
 GTAAGATCCCACAGGCTGTAACCTGAAGATCTTCAACAACCAAGAATTTGCTGCTCTTCTGGCTCAGTC
 TGTCAACCAGGGTTTTGAAGCCGTTTTATCAGCTAACCCGAATGTGCACCATAAGAATGAGTTTTGTGAAG
 GGCTGGGAGCAGAATATCGGAGGCAGACAGTAAACAAGTACTCCTTGCTGGATTGAACCTCATCTGAATG
 GCCCTCTGCAGTGGCTGGACAAAGTATTAACCTCAGATGGGATCCCCTTCAGTGGATGCTCAAGCATGTC
 G

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207463 protein sequence
 Red=Cloning site Green=Tags(s)

MSSILPFTPPVVKRLLGWKSAGGSGGAGGGEQNGQEEKWCEKAVKSLVKLKKTGRLDELEKAITTQNC
 NTKCVTIPSTCSEIWGLSTANTVDQWDTTGLYSFSEQTRSLDGRQLQVSHRKLPHVIYCRWRWPDLHSH
 HELKAIENCEYAFNLKKDEVCVNPHYQRVETPVLPPVLVPRHTEILTELPPLDDYTHSIPENTNFPAGI
 EPQSNYIPETPPPGYISEDGETSDQQLNQSMDTGSPAELSPPTLSPVNHSLDLQPVTYSEPAFWCSIAYY
 ELNQRVGETFHASQPSLTVDFGTDPSNSERFCLGLLSNVNRNATVEMTRRHIGRVRLYYIGGEVFAECL
 SDSAIFVQSPNCNQRYPATVCKIPPGCNLKFNNQFAALLAQSVNQGFVAVYQLTRMCTIRMSFVK
 GWGAERYRQTVTSTPCWIELHLNGLQLWLDKVLQMGSPSVRCSMS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_010754

ORF Size:

1404 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_010754.2, NP_034884.2</u>
RefSeq Size:	8752 bp
RefSeq ORF:	1404 bp
Locus ID:	17126
UniProt ID:	<u>Q62432</u>
Cytogenetics:	18 51.42 cM
MW:	52.3 kDa