

Product datasheet for **RC226623A1V**

Human SMAD2 (NM_001135937) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human SMAD2 (NM_001135937) AAV Particle
Tag: Myc-DDK
Symbol: SMAD2
Synonyms: hMAD-2; hSMAD2; JV18; JV18-1; MADH2; MADR2
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC226623 representing NM_001135937
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGTCGTCATCTTGCCATTCACGCCGCCAGTTGTGAAGAGACTGCTGGGATGGAAGAAGTCAGCTGGTG
 GGTCTGGAGGAGCAGGCCGAGGAGAGCAGAATGGGCAGGAAGAAAAGTGGTGTGAGAAAGCAGTGA
 TCTGGTGAAGAAGCTAAAGAAAACAGGACGATTAGATGAGCTTGAGAAAGCCATCACCCTCAAACTGT
 AATACTAAATGTGTTACCATACCAAGGCTCTTGATGGTCGTCTCCAGGTATCCCATCGAAAAGGATTGC
 CACATGTTATATATTGCCGATTATGGCGCTGGCCTGATCTTCACAGTCATCATGAACCAAGCAATTGA
 AAAGTGCGAATATGCTTTTAACTCTTAAAGGATGAAGTATGTGTAACCCCTTACCACTATCAGAGAGTT
 GAGACACCAGTTTTGCCTCCAGTATTAGTGCCCGACACACCGAGATCCTAACAGAACTCCGCCTCTGG
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 TCCAGAAACGCCACCTCCTGGATATATCAGTGAAGATGGAGAAACAAGTGACCAACAGTTGAATCAAAGT
 ATGGACACAGGCTCTCCAGCAGAACTATCTCTACTACTCTTTCCCTGTTAATCATAGCTTGGATTTAC
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 AGAAACCTTCCATGCATCACAGCCCTCACTCACTGTAGATGGCTTTACAGACCCATCAAATTCAGAGAGG
 TTCTGCTTAGGTTTACTCTCAAATGTTAACCGAAATGCCACGGTAGAAATGACAAGAAGGCATATAGGAA
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 GCAGAGCCCAATTGTAATCAGAGATATGGCTGGCACCCCTGCAACAGTGTGTAATAATCCACCAGGCTGT
 AATCTGAAGATCTTCAACAACCAGGAATTTGCTGCTCTTCTGGCTCAGTCTGTTAATCAGGGTTTTGAAG
 CCGTCTATCAGCTAAGTGAATGTGCACCATAAGAATGAGTTTTGTGAAAGGGTGGGGAGCAGAAATCCG
 AAGGCAGACGGTAACAAGTACTCCTTGCTGGATTGAATTCATCTGAATGGACCTCTACAGTGGTTGGAC
 AAAGTATTAACCTCAGATGGGATCCCCTTCAGTGCCTTGGCTCAAGCATGTCA

ACGCGTACGCGGCCGCTCGAGCAGAAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC226623 representing NM_001135937 Red=Cloning site Green=Tags(s) MSSILPFTPPVVKRLLGWKSAGGSGGAGGGEQNGQEEKWCEKAVKSLVKKLKKTGRLDELEKAITTQNC NTKCVTIPRSLDGRQLQVSHRKG LPHVIYCR LWRWPD LSHHHE LKAIENCEYAFNLKKDEV CVNPHYQRV ETPVLPPVLVPRHTEIL TELPPLDDYTHSIPENTNFPAGIEPQSNYIPETPPP GYISEDGETSDQQLNQS MDTGSPAELSP TTLSPVNHSLDLQPVTYSEPAFWCSIAYYELNQRVGETFHASQP SLTVDGFTDPSNSER FCLG LLSNVNRNATVEMTRRHIGRGRVLYYIGGEVFAECLSDSAIFVQSPNCNQRYGWHPATVCKIPPGC NLKIFNNQEF AALLAQSVNQGF EAVYQLTRMCTIRMSFVKGWGA EYRRQTVTSTPCWIELHLNGLQWLD KVL TQMGS P SVRCSSMS TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001135937
ORF Size:	1311 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:	NM_001135937.1 , NP_001129409.1
RefSeq ORF:	1314 bp
Locus ID:	4087
Cytogenetics:	18q21.1
MW:	48.8 kDa