

Product datasheet for **RC200299A1V**

Human SMAD1 (NM_001003688) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SMAD1 (NM_001003688) AAV Particle
Tag:	Myc-DDK
Symbol:	SMAD1
Synonyms:	BSP-1; BSP1; JV4-1; JV41; MADH1; MADR1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC200299 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATGTGACAAGTTTATTTTCCTTTACAAGTCCAGCTGTGAAGAGACTTCTTGGGTGGAACAGGGCG
 ATGAAGAAGAAAAATGGGCAGAGAAAGCTGTTGATGCTTTGGTAAAAAACTGAAGAAAAAGAAAGGTGC
 CATGGAGGAAGTGGAAAAGGCCTTGAGCTGCCAGGGCAACCGAGTAAGTGTGTCAACATTCCCCGCTCT
 CTGGATGGCAGGCTGCAAGTCTCCACCGGAAGGGACTGCCTCATGTCTTTACTGCCGTGTGTGGCGCT
 GGCCCGATCTTCAGAGCCACCATGAAGTAAACCACTGGAATGCTGTGAGTTTCTTTTGGTTCCAAGCA
 GAAGGAGGTCTGCATCAATCCCTACCACTATAAGAGAGTAGAAAGCCCTGTACTTCTCTGTGTGGTT
 CCAAGACACAGCGAATATAATCCTCAGCACAGCCTCTTAGCTCAGTTCGGTAAGTATAGGACAAAATGAGC
 CTCACATGCCACTCAACGCCACTTTTCCAGATTCTTCCAGCAACCCAACAGCCACCCGTTTCTCACTC
 TCCCAATAGCAGTTACCCAACTCTCTGGGAGCAGCAGCAGCACCTACCTCACTCTCCACCAGCTCA
 GACCCAGGAAGCCCTTTCCAGATGCCAGCTGATACGCCCCACCTGCTTACCTGCCTCCTGAAGACCCCA
 TGACCCAGGATGGCTCTCAGCCGATGGACACAAACATGATGGCGCCTCCCTGCCTCAGAAATCAACAG
 AGGAGATGTTCAAGCGGTTGCTTATGAGGAACCAAACTGGTGCTCTATTGTCTACTATGAGCTCAAC
 AATCGTGTGGGTGAAGCGTTCCATGCCTCCTCCACAAGTGTGTTGGTGGATGGTTTCACTGATCCTTCCA
 ACAATAAGAACCGTTTCTGCCTTGGGCTGCTCTCCAATGTTAACCAGGAATCCACTATTGAAAACACCAG
 GCGGCATATTGAAAAGGAGTTCATCTTTATTATGTTGGAGGGGAGGTGTATGCCGAATGCCTTAGTGAC
 AGTAGCATCTTTGTGCAAAGTCGGAAGTCAACTACCATCATGGATTTTCATCTACTGTTTGAAGA
 TCCCTAGTGGGTGTAGTCTGAAAATTTTAACAACCAAGAATTTGCTCAGTTATTGGCACAGTCTGTGAA
 CCATGGATTTGAGACAGTCTATGAGCTTACAAAAATGTGTACTATACGTATGAGCTTTGTGAAGGGCTGG
 GGAGCAGAATACCACCGCCAGGATGTTACTAGCACCCCTGCTGGATTGAGATACATCTGCACGGCCCCC
 TCCAGTGGCTGGATAAAGTTCTTACTCAATGGGTTACCTCATAATCTATTTTCATCTGTATCT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200299 protein sequence
 Red=Cloning site Green=Tags(s)

MNVTSLFSFTSPAVKRLLGWKQGDEEEKWAEKAVDALVKLLKKKKGAMEELEKALSCPGQPSNCVTIPRS
 LDGRLQVSHRKLPHVIYCRVWRWPDLSHHEKPLECCEFPFGSKQKEVCINPYHYKRVEPVLPVLV
 PRHSEYNPQHSLLAQFRNLGQNEPHMPLNATFPDSFQQPNSHFPHPSPNSYPNSPGSSSYTPHSPTSS
 DPGSPFQMPADTPPPAYLPPEPMTQDGSQPMDTNMMAPPLPSEINRGDVQAVAYEPEKHWCSIVVYELN
 NRVGEAFHASSTSVLVDGFTDPSNNKNRFCLGLLSNVNRNSTIENTRRHIGKGVHLYYVGGEVYAECLSD
 SSIFVQSRNCNYHHGFHPTTVCKIPSGCSLKIFNNQEFQLLAQSVNHGFETVYELTKMCTIRMSFVKGW
 GAEYHRQDVTSTPCWIEIHLHGPLQWLDKVLTMGSPHNPISSVS

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001003688

ORF Size:

1395 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_001003688.1</u> , <u>NP_001003688.1</u>
RefSeq Size:	2880 bp
RefSeq ORF:	1398 bp
Locus ID:	4086
UniProt ID:	<u>Q15797</u>
Cytogenetics:	4q31.21
MW:	52.3 kDa