

Product datasheet for RC223918A1V

Human SMAD1 (NM_005900) AAV Particle

Product data:

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

ORF Nucleotide Sequence: >RC223918 representing NM_005900
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAATGTGACAAGTTTATTTTCCTTTACAAGTCCAGCTGTGAAGAGACTTCTTGGGTGAAACAGGGCG
ATGAAGAAGAAAAATGGGCAGAGAAAGCTGTTGATGCTTTGGTGAAAAAAGTGAAGAAAAAGAAAGTGC
CATGGAGGAACTGGAAGGCCCTTGAGCTGCCAGGGCAACCGAGTAAGTGTGTCACCATTCCTCCGCTCT
CTGGATGGCAGGCTGCAAGTCTCCACCGGAAGGGAAGTGCCTCATGTGCTTTACTGCCGTGTGTGGCGCT
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GAAGGAGGTCTGCATCAATCCCTACCATATAAGAGAGTAGAAAGCCCTGACTTCCTCCTGTGCTGGTT
CCAAGACACAGCGAATATAATCCTCAGCAGCCTCTTAGCTCAGTTCGGTAAGTACCTAGGACAAAATGAGC
CTCAGATGCCACTCAACGCCACTTTTCCAGATTCTTTCCAGCAACCAACAGCCACCGTTTCTCACTC
TCCCAATAGCAGTTACCCAACTCTCCTGGGAGCAGCAGCAGCACCTACCCTCACTCTCCACAGCTCA
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TGACCCAGGATGGCTCTCAGCCGATGGACACAAACATGATGGCGCCTCCCTGCCTCAGAAATCAACAG
AGGAGATGTTCAAGCGGTTGCTTATGAGGAACCAAAACACTGGTGTCTATTGTCTACTATGAGCTCAAC
AATCGTGTGGGTGAAGCGTTCCATGCCTCCTCCACAAGTGTGTTGGTGGATGGTTTCACTGATCCTTCCA
ACAATAAGAACCCTTTGCTTGGGCTGCTCTCAATGTTAACCAGGAATCCACTATTGAAACACCCAG
GCGGCATATTGAAAAGGAGTTTCACTTTTATTATGTTGGAGGGAGGTGTATGCCGAATGCCTTAGTGAC
AGTAGCATCTTTGTCAAAGTCCGAACTGCAACTACCATCATGGATTTCATCCTACTACTGTTTGAAGA
TCCCTAGTGGGTGAGTCTGAAATTTTTAACCAAGAATTGCTCAGTTATTGGCAGCTGTGAA
CCATGGATTGAGACAGTCTATGAGCTTACAAAATGTGTACTATACGTATGAGCTTTGTGAAGGCTGG
GGAGCAGAATACCACCGCCAGGATGTTACTAGCACCCCTGCTGGATTGAGATACATCTGCACGGCCCCC
TCCAGTGGCTGGATAAAGTTCTTACTCAAATGGGTTACCTCATATCCTATTTTCATCTGTATCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC223918 representing NM_005900 Red=Cloning site Green=Tags(s) MNVTSLFSFTSPAVKRLLGWKQGDEEEKWAEKAVDALVKKLKKKKGAMEELEKALSCPGQPSNCVTIPRS LDGRLQVSHRKGLPHVIYCRVWRWPDQLQSHHEKPLECCEFPFGSKQKEVCINPYHYKRVESPVLPVLV PRHSEYNPQHSLLAQFRNLGQNEPHMLNATFPDSFQQPNSHPPHSPNSSYPNSPGSSSSTYPHSPSTSS DPGSPFQMPADTPPPAYLPPEDPMTQDGSQPMDTNMMAPLPSEINRGDVQAVAYEEPKHWCISIVYYELN NRVGEAFHASSTSVLVDGFTDPSNNKNRFCLGLLSNVNRNSTIENTRRHIGKGVHLYYVGGEVYAECLSD SSIFVQSRNCNYHHGFHPTTVCKIPSGCSLKIFNNQEFALLAQSVNHGFETVYELTKMCTIRMSFVKGW GAEYHRQDVTSTPCWIEIHLHGPLQWLDKVL TQMGSPHNPISSVS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005900
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_005900.2</u>
RefSeq Size:	3056 bp
RefSeq ORF:	1398 bp
Locus ID:	4086
UniProt ID:	<u>Q15797</u>
Cytogenetics:	4q31.21
MW:	52.1 kDa