

Product datasheet for **RC208749A1V**

Human SMAD3 (NM_005902) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SMAD3 (NM_005902) AAV Particle
Tag:	Myc-DDK
Symbol:	SMAD3
Synonyms:	HSPC193; HsT17436; JV15-2; LDS1C; LDS3; MADH3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC208749 representing NM_005902 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGGATCGCC**

ATGTCGTCATCCTGCCTTTCACTCCCCGATCGTGAAGCGCCTGCTGGGCTGGAAGAAGGGCGAGCAGA
ACGGGCAGGAGAGAAATGGTGCAGAAAGGCGGTCAAGAGCCTGGTCAAGAACTCAAGAAGACGGGGCA
GCTGGACGAGCTGGAGAAGGCCATCACACGCAGAACGTCAACACCAAGTGCATCACCATCCCCAGGTCC
CTGGATGGCCGTTGCAGGTGTCCATCGGAAGGGCTCCCTCATGTCTACTGCCCTGTGGCGAT
GGCCAGACTGCACAGCCACGAGCTGCGGGCCATGGAGCTGTGTGAGTTCGCCTTCAATATGAAGAA
GGACGAGGTCTGCGTGAATCCCTACCCTACCAGAGAGTAGAGACACCAGTTCTACCTCCTGTGTGGTG
CCACGCCACACAGAGATCCCGGCCGAGTTCCCCCACTGGACGACTACAGCCATTCCATCCCCGAAAACA
CTAACTTCCCCGAGGCATCGAGCCCCAGAGCAATATTCCAGAGACCCACCCCTGGCTACCTGAGTGA
AGATGGAGAAACCAGTGACCACCAGATGAACCACAGCATGGACGCAGGTTCTCCAAACCTATCCCCGAAT
CCGATGTCCCAGCACATAATAACTTGGACCTGCAGCCAGTTACCTACTGCGAGCCGGCCTTCTGGTGCT
CCATCTCCTACTACGAGCTGAACCAGCGCTCGGGGAGACATTCCACGCCTCGCAGCCATCCATGACTGT
GGATGGCTTACCGACCCCTCAATTTCGGAGCGCTTCTGCCTAGGGCTGCTCTCAATGTCAACAGGAAT
GCAGCAGTGGAGCTGACACGGAGACATCGGAAGAGGGCTGCGGCTCTACTACATCGGAGGGGAGGTCT
TCGAGAGTGCCTCAGTGACAGCGCTATTTTTGTCCAGTCTCCAACTGTAACCGAGCTATGGCTGGCA
CCCGGCCACCGTCTGCAAGATCCACCAGGATGCAACCTGAAGATCTTCAACAACCAGGAGTTCGCTGCC
CTCCTGGCCAGTTCGGTCAACCAGGGCTTTGAGGCTGTCTACCAGTTGACCCGAATGTGCACCATCCGCA
TGAGCTTCGTCAAAGGCTGGGGAGCGGAGTACAGGAGACAGACTGTGACCACTACCCCTGCTGGATTGA
GCTGCACCTGAATGGCCTTTCAGTGGCTTGACAAGTCTCACCCAGATGGGCTCCCCAAGCATCCGC
TGTTCCAGTGTGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC208749 representing NM_005902 Red=Cloning site Green=Tags(s) MSSILPFTPIVKRLLGWKKGEQNGQEEKWCEKAVKSLVKKLKKTGQLDELEKAITTQNVNTKCITIPRS LDGRLQVSHRKGLPHVIYCRLWRWPDLSHHELRAMELCEFAFNMKKDEVCVNPHYHYQRVETPVLPPVLV PRHTEIPAEPPLDDYSHSIPENTNFPAGIEPQSNIPETPPPGYLSEGETSDHQMNHSM DAGSPNLSN PMSPAHNLDLQPVTYCEPAFWCSISYYELNQRVGETFHASQPSMTVDGFTDPSNSERFCLGLLSNVNRN AAVELTRRHIGRVRLYYIGGEVFAECLSDSAIFVQSPNCNQRYGWHPATVCKIPPGCNLKI FNNQEF AA LLAQSVNQGF EAVYQLTRMCTIRMSFVKGWGAEYRRQTVTSTPCWIELHLNGLQWLDKVL TQMGSPSIR CSSVS TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005902
ORF Size:	1275 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_005902.3
RefSeq Size:	6256 bp
RefSeq ORF:	1278 bp
Locus ID:	4088
UniProt ID:	P84022
Cytogenetics:	15q22.33
MW:	47.9 kDa