

Product datasheet for **RC203465A1V**

Human **SIX1** (NM_005982) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SIX1 (NM_005982) AAV Particle
Tag:	Myc-DDK
Symbol:	SIX1
Synonyms:	BOS3; DFNA23; TIP39
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC203465 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCGATGCTGCCGTCGTTTGGCTTTACGCAGGAGCAAGTGGCGTGCGTGCGAGGTTCTGCAGCAAG
GCGGAAACCTGGAGCGCCTGGGCAGGTTCTGTGGTCACTGCCCGCCTGCGACCACCTGCACAAGAACGA
GAGCGTACTCAAGGCCAAGGCGGTGGTCGCCTTCCACCGCGGCAACTCCGTGAGCTCTACAAGATCCTG
GAGAGCCACCAGTTCTCGCCTCACAACCACCCAACTGCAGCAACTGTGGCTGAAGGCGCATTACGTGG
AGGCCGAGAAGCTGTGCGGCCGACCCCTGGGCGCGTGGGCAAAATATCGGGTGCGCCGAAAATTTCCACT
GCCGCGCACCATCTGGGACGGCGAGGAGACCACTACTGCTTCAAGGAGAAGTCGAGGGGTGTCTGTGCGG
GAGTGGTACGCGCACAATCCCTACCATCGCCGCGTGAGAAGCGGGAGCTGGCCGAGGCCACCGGCCTCA
CCACCACCCAGGTCAGCAACTGGTTTAAGAACCGGAGGCAAAGAGACCGGGCCGCGGAGGCCAAGGAAAG
GGAGAACACCGAAAACAATAACTCCTCCTCAACAAGCAGAACCAACTCTCTCTCTGGAAGGGGCAAG
CCGCTCATGTCCAGCTCAGAAGAGGAATTCTACCTCCCAAAGTCCAGACCAGAAGTCCGTCCTCTGTC
TGCAGGGCAATATGGGCCACGCCAGGAGCTCAAATATTCTCTCCGGGCTTAACAGCCTCGCAGCCAG
TCACGGCCTGCAGACCCACAGCATCAGCTCCAAGACTCTGTCTCGGCCCTCACCTCCAGTCTGGTG
GACTTGGGGTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC203465 protein sequence Red=Cloning site Green=Tags(s) MSMLPSFGFTQEQVACVCEVLQQGGNLERLGRFLWSLPACDHLHKNESVLKAKAVVAFHRGNFRELYKIL ESHQFSPHNHPKLQQLWLKAHYVEAEKLCGRPLGAVGKYRVRKFPLPRTIWDGEETSYCFKEKSRGVLR EWYAHNPYPSPREKRELAETGLTTTQVSNWFKNRRQRDRAAEAKERENTENNSSSNKQNLSPLEGGK PLMSSSEEEFSPQSPDQNSVLLQGNMGHARSSNYSPLGLTASQPSHGLQTHQHQLQDSLLGPLTSSLV DLGS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005982
ORF Size:	852 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_005982.1</u>
RefSeq Size:	2687 bp
RefSeq ORF:	855 bp
Locus ID:	6495
UniProt ID:	<u>Q15475</u>
Cytogenetics:	14q23.1
MW:	32.2 kDa