

Product datasheet for **RC212226A1V**

Human SIRT4 (NM_012240) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SIRT4 (NM_012240) AAV Particle
Tag:	Myc-DDK
Symbol:	SIRT4
Synonyms:	SIR2L4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC212226 representing NM_012240 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAAGATGAGCTTTGCGTTGACTTTACAGGTCAGCAAAAGGCCGTTGGATCGCAAACCCAGCCAGCCGT
GCTCGAAAGCCTCCATTGGGTTATTTGTGCCAGCAAGTCCTCCTGACCCCTGAGAAGGTCAAAGAGTT
ACAGCGCTTCATACCCCTTTCCAAGAGACTCCTTGATGACTGGGGCAGGAATCTCCACCGAATCGGGG
ATACCAGACTACAGGTCAGAAAAAGTGGGGCTTTATGCCCGCACTGACCGCAGGCCCATCCAGCATGGTG
ATTTTGTCCGGAGTGCCCAATCCGCCAGCGTACTGGGCGAGAACTTCGTAGGCTGGCCTCAATTCTC
CTCCCACAGCCTAACCCCTGCACACTGGGCTTTGAGCACCTGGGAGAACTCGGAAAGCTGTACTGGTTG
GTGACCCAAAATGTGGATGCTTTGCACACCAAGCGGGGAGTCGGCGCCTGACAGAGCTCCACGGATGCA
TGGACAGGGTCTGTGCTTGGATTGTGGGGAACAGACTCCCCGGGGGGTCTGCAAGAGCGTTTCCAAGT
CCTGAACCCACCTGGAGTGCTGAGGCCATGGCCTGGCTCCTGATGGTGACGTCTTCTCTCAGAGGAG
CAAGTCCGGAGCTTTCAGGTCCCAACCTGCGTTCAATGTGGAGGCCATCTGAAACCAGATGTCGTTTTCT
TCGGGGACACAGTGAACCCTGACAAGGTTGATTTTGTGCACAAGCGTGAAAAGAAGCCGACTCCCTCTT
GGTGGTGGGATCATCCTTGCAAGTATACTCTGGTTACAGGTTTATCCTCACTGCCTGGGAGAAGAAGCTC
CCGATTGCAATACTGAACATTGGGCCACACGGTCGGATGACTTGGCGTGTCTGAAACTGAATTCTCGTT
GTGGAGAGTTGCTGCCTTTGATAGACCATGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC212226 representing NM_012240 Red=Cloning site Green=Tags(s) MKMSFALTFRSAKGRWIANPSQPCSKASIGLFVPASPPLDPEKVKELQRFITLSKRLLVMTGAGISTESG IPDYRSEKVGLEYARTDRRPIQHGFVRSAPIRQRYWARNFVGWPQFSSHQPNPAHWALSTWEKLGKLYWL VTQNVDA LHTKAGSRRL TELHGCM DRVLC LDCGEQTPRGVLQERFQVLNPTWSAEAHGLAPDGDVFLSEE QVRSFQVPTCVQC GGH LKPDVVF GDTVNPDKVDFVHKRVKEADSLLVGSSLQVYSGYRFILTAWKKL PIAILNIGPTRSDDLACLKLNSRCGELLPLIDPC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_012240
ORF Size:	942 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_012240.1</u>
RefSeq Size:	1174 bp
RefSeq ORF:	945 bp
Locus ID:	23409
UniProt ID:	<u>Q9Y6E7</u>
Cytogenetics:	12q24.23-q24.31
MW:	35 kDa