

Product datasheet for **RC227343A1V**

Human SQSTM1 (NM_001142299) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	SQSTM1
Synonyms:	A170; DMRV; FTDALS3; NADGP; OSIL; p60; p62; p62B; PDB3; ZIP3
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC227343 representing NM_001142299
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCCATGTCTACGTGAAGGATGACATCTTCCGAATCTACATTAAGAGAAAAAGAGTGCCGGCGGG
ACCACCGCCACCGTGTGCTCAGGAGGCGCCCGCAACATGGTGCACCCAATGTGATCTGCGATGGCTG
CAATGGGCCTGTGGTAGGAACCCGCTACAAGTGCAGCGTCTGCCAGACTACGACTTGTGTAGCGTCTGC
GAGGGAAGGGCTTGACCGGGGGCACACCAAGCTCGCATTCCCCAGCCCTTCGGGCACCTGTCTGAGG
GCTTCTCGCACAGCCGCTGGCTCCGGAAGGTGAAACACGGACACTTCGGGTGGCCAGGATGGGAAATGGG
TCCACCAGGAACTGGAGCCACGTCCTCCTCGTCAGGGGAGGCCGCCCTGGCCCCACGGCAGAATCA
GCTTCTGGTCCATCGGAGGATCCGAGTGTGAATTCCTGAAGAACGTTGGGGAGAGTGTGGCAGCTGCC
TTAGCCCTCTGGGCATTGAAGTTGATATCGATGTGGAGCACGGAGGAAAAAGCCGCCTGACCCCGT
CTCTCCAGAGAGTTCCAGCACAGAGGAGAAGAGCAGCTCACAGCCAAGCAGCTGCTGCTCTGACCCAGC
AAGCCGGGTGGGAATGTTGAGGGCGCCACGCAGTCTCTGGCGGAGCAGATGAGGAAGATCGCCTTGGAGT
CCGAGGGGCGCCCTGAGGAACAGATGGAGTCGGATAACTGTTTCAGGAGGAGATGATGACTGGACCCATCT
GTCTTCAAAAGAAGTGGACCCGCTCTACAGGTGAAGTCCAGTCCCTACAGATGCCAGAATCCGAAGGGCCA
AGCTCTCTGGACCCCTCCAGGAGGACCCACAGGGCTGAAGGAAGCTGCCTTGTACCCACATCTCCCGC
CAGAGGCTGACCCGCGGCTGATTGAGTCCCTCTCCAGATGCTGTCCATGGGCTTCTCTGATGAAGGCGG
CTGGCTCACCAGGCTCCTGCAGACCAAGAACTATGACATCGGAGCGGCTCTGGACACCATCCAGTATTCA
AAGATCCCCCGCGCTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC227343 representing NM_001142299 Red=Cloning site Green=Tags(s) MAMSYVKDDIFRIYIKEKKECRRDHRPPCAQEAPRNMVHPNVICDGCNGPVVGTRYKCSVCPDYDLCSVC EGKGLHRGHTKLAFSPFGHLSEGFSHRWLRKVKHGHWPGWEMGPPGNWSRPPRAGEARPGPTAES ASGPSEDPSVNFLKNVGESVAAALSPLGIEVDIDVEHGGKRSRLTPVSPESSSTEKSSSQPSSCCSDPS KPGGNVEGATQSLAEQMRKIALESEGRPEEQMESDNCSGGDDDWTHLSSKEVDPSTGELQSLQMPSEGP SSLDPSQEGPTGLKEAALYPHLPPEADPRLIESLSQMLSMGFSDEGGWLTRLLQTKNYDIGAALDTIQYS KHPPPL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001142299
ORF Size:	1320 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_001142299.1</u> , <u>NP_001135771.1</u>
RefSeq Size:	2848 bp
RefSeq ORF:	1071 bp
Locus ID:	8878
UniProt ID:	<u>Q13501</u>
Cytogenetics:	5q35.3
MW:	47.7 kDa