

Product datasheet for **MR229729A1V**

Mouse *Sqstm1* (NM_001290769) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	<i>Sqstm1</i>
Synonyms:	A170; OSF-6; Osi; p62; STAP; STONE14
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >MR229729 representing NM_001290769
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGTCGTTACGGTGAAGGCCTATCTTCTGGGCAAGGAGGAGGCGACCCGCGAGATCCGCCGCTTCA
GCTTCTGCTTCAGCCCGGAGCCGGAGGCGGAAGCCCAAGCCGCGCCGGCCGGGCCCTGCGAGAGGCT
GCTGAGCCGAGTGGCTGTGCTGTTCCACGCTGAGGCCTGGCGGCTTCCAGGCGCACTACCGCGATGAG
GATGGGGACTTGTTGCCTTTCCAGTGATGAGGAGCTGACAATGGCTATGTCTATGTGAAAGATGACA
TCTTCCGCATCTACATTAAGAGAAGAAGGAGTGCCGGCGGGAACATCGCCACCATGTGCTCAGGAGGC
ACCCGAAACATGGTGCACCCCAATGTGATCTGTGATGGTTGCAACGGGCCTGTGGTGGAACTCGCTAT
AAGTGCAGTGTGTGCCAGACTACGACCTGTGCAGCGTGTGCGAGGGGAAGGGCTGCACAGGGAACACA
GCAAGCTCATCTTTCCCAACCCCTTTGGCCACCTCTCTGATAGCTTCTCTCATAGCCGCTGGCTTCGAA
GCTGAAACATGGACACTTTGGCTGGCTGGCTGGGAGATGGGCCACCGGGAACTGGAGCCACGTCCT
CCTCGTGCAGGGGATGGCCGCCCTTGCCCTACAGCTGAGTCAGCTTCTGCTCCACCAGAAGATCCCAATG
TCAATTTCTGAAGAATGTGGGGGAGAGTGTGGCAGCTGCCCTCAGCCCTTAGGCATTGAGGTTGACAT
TGATGTGGAACATGGAGGGAAGAGAAGCCGCTGACACCCACTACCCAGAAAGTTCAGCACAGGCACA
GAAGACAAGAGTAACACTCAGCCAAGCAGCTGCTTTCGGAAGTCAGCAAACCTGACGGGCTGGGGAGG
GCCCTGCTCAGTCTCTGACAGAGCAATGAAAAAGATAGCCTTGGAGTCGGTGGGACAGCCAGAGGAACA
GATGGAGTCGGGAAACTGCTCAGGAGGAGACGATGACTGGACACATTTGTCTTCAAAAGAAGTGGACCCA
TCTACAGAGGCTGATCCCGGCTGATTGAGTCCCTCTCCAGATGCTGTCCATGGGTTTCTCGGATGAAG
GCGGCTGGCTCACCAGGCTCTACAGACCAAGAATTACGACATCGGGGCTGCTGGACACGATCCAGTA
TTCGAAGCACCTCCACCATTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>MR229729 representing NM_001290769 Red=Cloning site Green=Tags(s) MASFTVKAYLLGKEEATREIRRFSCFSPEPEAEQAAGPGPCERLLSRVAVLFPTLRPGGFQAHYRDE DGDLVAFSSDEELTMAMSYVKDDIFRIYIKEKKECRREHRPPCAQEAPRNMVHPNVICDGCNGPVVGTRY KCSVCPDYDLCSVCEGKGLHREHSLIFPNPFGHLSDSFSHSRWLRKCLKHGHFGWPGWEMGPPGNWSPRP PRAGDGRPCPTAESASAPPEDPNVNFLKNVGESVAAALSPLGIEVDIDVEHGGKRSRLTPTTPESSTGT EDKSNTQPSSCSSEVSKPDGAGEGPAQSLTEQMKKIALESVGQPEEQMESGNCSSGGDDDWTHLSSKEVDP STEADPRLIESLSQMLSMGFSDEGGWLTLLQTKNYDIGAALDTIQYSKHPPPL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001290769
ORF Size:	1212 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_001290769.1, NP_001277698.1</u>
RefSeq Size:	1916 bp
RefSeq ORF:	1215 bp
Locus ID:	18412
UniProt ID:	<u>Q64337</u>
Cytogenetics:	11 B1.3
MW:	44.2 kDa