

Product datasheet for **RC210763A1V**

Human Catalase (CAT) (NM_001752) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Catalase (CAT) (NM_001752) AAV Particle
Tag:	Myc-DDK
Symbol:	Catalase
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC210763 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCTGACAGCCGGGATCCCGCCAGCGACCAGATGCAGCACTGGAAGGAGCAGCGGGCCGCGCAGAAAG
 CTGATGTCCTGACCACTGGAGCTGGTAACCCAGTAGGAGACAACTTAATGTTATTACAGTAGGGCCCCG
 TGGGCCCTTCTTGTTCAGGATGTGGTTTTCACTGATGAAATGGCTCATTTTGACCGAGAGAGAATTCCT
 GAGAGAGTTGTGCATGCTAAAGGAGCAGGGGCTTTGGCTACTTTGAGGTACACATGACATTACCAAT
 ACTCCAAGGCAAAGGTATTTGAGCATATTGAAAGAAGACTCCCATCGCAGTTCGGTTCTCCACTGTTGC
 TGGAGAATCGGGTTCAGCTGACACAGTTCGGGACCTCGTGGGTTGAGTGAAATTTTACACAGAAGAT
 GGTAATGGGATCTCGTTGAAATAACACCCCATTTTCTTCATCAGGGATCCCATTGTTTCCATCTT
 TTATCCACAGCCAAAAGAGAAATCCTCAGACACATCTGAAGGATCCGACATGGTCTGGGACTTCTGGAG
 CCTACGTCCTGAGTCTCTGCATCAGTTTCTTTCTTGTTCAGTGATCGGGGATTCAGATGGACATCGC
 CACATGAATGGATATGGATCACATACTTTCAAGCTGGTTAATGCAATGGGGAGGAGTTTATTGCAAAAT
 TCCATTATAAGACTGACCAGGGCATCAAAAACCTTTCTGTTGAAGATGCGGCGAGACTTTCCAGGAAGA
 TCCTGACTATGGCATCCGGGATCTTTTAAACGCCATTGCCACAGGAAAGTACCCCTCTGGACTTTTAC
 ATCCAGGTCATGACATTTAATCAGGCAGAACTTTTCCATTTAATCCATTCGATCTCACCAAGGTTTGGC
 CTCACAAGGACTACCTCTCATCCAGTTGGTAACTGGTCTTAAACCGGAATCCAGTTAATTACTTTGC
 TGAGGTTGAACAGATAGCCTTCGACCAAGCAACATGCCACCTGGCATTGAGGCCAGTCTGACAAAATG
 CTTCAGGGCCGCTTTTGGCTATCCTGACACTACCGCCATCGCCTGGGACCAATTATCTTCATATAC
 CTGTGAAGTGTCCCTACCGTGTCTGAGTGGCCAACTACCAGCGTGACGGCCGATGTGCATGCAGGACAA
 TCAGGGTGGTGCTCCAAATTACTACCCCAACAGCTTTGGTGCTCCGGAACAACAGCCTTCTGCCCTGGAG
 CACAGCATCCAATATTCTGGAGAAGTGCGGAGATTCAACACTGCCAATGATGATAACGTTACTCAGGTGC
 GGGCATTCTATGTGAACGTGCTGAATGAGGAACAGAGGAAACGCTGTGTGAGAACATTGCCGGCCACCT
 GAAGGATGCACAAATTTTATCCAGAAGAAAGCGGTCAAGAACTTCACTGAGGTCCACCTGACTACGGG
 AGCCACATCCAGGCTCTTCTGGACAAGTACAATGCTGAGAAGCCTAAGAATGCGATTACACCTTTGTGC
 AGTCCGGATCTCACTTGGCGGAAGGGAGAAGGCAAATCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210763 protein sequence
 Red=Cloning site Green=Tags(s)

MADSRDPASDQMQLHWKEQRAAQKADVLTTGAGNPVGDKLNVITVGPRGPLLVQDVVFTDEMAHFDREIRIP
 ERVVHAKGAGAFGYFEVTHDITKYSKAKVFEHIGKKTPIAVRFSTVAGESGSADTVRDRGFAVKFYTED
 GNWDLVGNNTPIFFIRDPILFPSFIHSQKRNPTHLKDPDMVWDFWSLRPESLHQVSFLFSDRGIPDGHR
 HMNGYGSHTFKLVNANGEAVYCKFHYKTDQGIKNLSVEDAARLSQEDPDYGIRDLFNIAITGKYPSTFY
 IQYMTFNQAETFPNPFDLTKVWPHKDYPLIPVGKLVNLRNPVNYFAEVEQIAFDPSNMPPIEASPDKM
 LQGRLFAYPDTHRHRLGPNYLHIPVNCYPYRVRVANYQRDGPMDQDNQGGAPNYYPNPNSFGAPEQQPSALE
 HSIQYSGEVRRFNTANDDNVTQVRAFYVNVLEEQRKRLCENIAGHLKDAQIFIQKAVKNFTEVHPDYG
 SHIQALLDKYNAEKPKNAIHTFVQSGSHLAAREKANL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001752

ORF Size:	1581 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_001752.2</u>
RefSeq Size:	2300 bp
RefSeq ORF:	1584 bp
Locus ID:	847
UniProt ID:	<u>P04040</u>
Cytogenetics:	11p13
MW:	59.8 kDa