

Product datasheet for **RC231170A1V**

Human Aminoacylase 1 (ACY1) (NM_001198896) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Aminoacylase 1 (ACY1) (NM_001198896) AAV Particle
Tag:	Myc-DDK
Symbol:	Aminoacylase 1
Synonyms:	ACY-1; ACY1D; HEL-S-5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC231170 representing NM_001198896 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGACCAGCAAGGGTCCCGAGGAGGAGCACCCATCGGTGACGCTCTTCCGCCAGTACCTGCGTATCCGCA
CTGTCCAGCCCCAAGCCTGACTATGGAGCTGCTGTGGCTTTCTTTGAGGAGACAGCCCGCCAGCTGGGCCT
GGGCTGTCAGAAAGTAGAGGTGGCACCTGGCTATGTGGTGACCGTGTGACCTGGCCAGGCACCAACCCT
ACACTCTCCTCCATCTTGCTCACTCCACACGGATGTGGTGCCTGTCTTCAAGGAACATTGGAGTCACG
ACCCCTTTGAGGCCTTCAAGGATTCTGAGGGCATAGCCAATCCCACTGATGCCTTCACTGTCTTTATAG
TGAGCGGAGTCCCTGGTGGGTGCGGTTACCAGCACTGGGAGGCCAGGCCATGCCTCACGCTTCATGGAG
GACACAGCAGCAGAGAAGCTGCACAAGGTTGTAACCTCCATCCTGGCATTCCGGGAGAAGGAATGGCAGA
GGCTGCAGTCAAACCCCACTGAAAGAGGGGTCCGTGACCTCCGTGAACCTGACTAAGCTAGAGGGTGG
CGTGGCCTATAACGTGATACCTGCCACCATGAGCGCCAGCTTTGACTTCCGTGTGGCACCAGGATGTGGAC
TTCAAGGCTTTTGAGGAGCAGCTGCAGAGCTGGTGCCAGGCAGCTGGCGAGGGGGTACCCTAGAGTTTG
CTCAGAAGTGGATGCACCCCAAGTGACACCTACTGATGACTCAAACCTTGGTGGGCAGCTTTAGCCG
GGTCTGCAAGGATATGAACCTCACTCTGGAGCCTGAGATCATGCCTGCTGCCACTGACAACCGCTATATC
CGCGCGGTGGGGTCCCAGCTCTAGGCTTCTACCCATGAACCGCACACCTGTGCTGCTGCACGACCACG
ATGAACGGCTGCATGAGGCTGTGTTCTCCGTGGGGTGGACATATATACACGCCTGCTGCCTGCCCTTGC
CAGTGTGCCTGCCCTGCCAGTGACAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC231170 representing NM_001198896 Red=Cloning site Green=Tags(s) MTSKGPREEHPSVTLFRQYLRIQVQPKPDYGAAVAFFETARQLGLGCQKVEVAPGYVVTVLTPGNTNP TLSSILLNSHTDVVPVFKHWSHDPFEAFKDSEGANPTDAFTVFYSERSPPWVRVTSTGRPGHASRFME DTAAEKLHKVNSILAFREKEWQRLQSNPHLKEGSVTSVNLTKLEGGVAYNVIPATMSASFDFRVAPDND FKAFFEEQLQSWCQAAGEGVTLFAQKWMHPQVPTDDSNPWAAFSRVCKDMNLTLEPEIMPAATDNRYI RAVGVPAALGFSPMNRTPVLLHDHDERLHEAVFLRGVDIYTRLLPALASVPALPSDS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001198896
ORF Size:	1008 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_001198896.1</u>
RefSeq ORF:	1011 bp
Locus ID:	95
UniProt ID:	<u>Q03154</u>
Cytogenetics:	3p21.2
MW:	38 kDa