

Product datasheet for **RC223189A1V**

Human ASS1 (NM_000050) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ASS1 (NM_000050) AAV Particle
Tag:	Myc-DDK
Symbol:	ASS1
Synonyms:	ASS; CTLN1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC223189 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTCCAGCAAAGGCTCCGTGGTCTGGCCTACAGTGGCGGCCTGGACACCTCGTGCATCCTCGTGTGGC
TGAAGGAACAAGGCTATGACGTCATTGCCTATCTGGCCAACATTGGCCAGAAGGAAGACTTCGAGGAAGC
CAGGAAGAAGGCACTGAAGCTTGGGGCCAAAAGGTGTTTCATTGAGGATGTCAGCAGGGAGTTTGTGGAG
GAGTTCATCTGGCCGGCCATCCAGTCCAGCGCACTGTATGAGGACCGCTACCTCCTGGGCACCTCTCTTG
CCAGGCCCTGCATCGCCCGCAAACAAGTGAAATCGCCAGCGGGAGGGGCCAAGTATGTGTCCACGG
CGCCACAGGAAAGGGGAACGATCAGGTCCGGTTTGAGCTCAGCTGCTACTCACTGGCCCCCAGATAAAG
GTCATTGCTCCCTGGAGGATGCCTGAATTCTACAACCGGTTCAAGGGCCGCAATGACCTGATGGAGTACG
CAAAGCAACACGGGATTCCCATCCCGGTCACTCCAAGAACCCTGGAGCATGGATGAGAACCTCATGCA
CATCAGCTACGAGGCTGGAATCCTGGAGAACCCCAAGAACCAAGCGCCTCCAGGTCTCTACACGAAGACC
CAGGACCCAGCCAAAGCCCCAACACCCTGACATTCTCGAGATCGAGTTCAAAAAGGGGTCCCTGTGA
AGGTGACCAACGTCAAGGATGGCACCACCCACCAGACCTCCTTGAGCTCTTCATGTACCTGAACGAAGT
CGCGGGCAAGCATGGCGTGGGCCGATTGACATCGTGGAGAACCGCTTCATTGGAATGAAGTCCCAGGT
ATCTACGAGACCCAGCAGGCACCATCCTTTACCAGCTCATTTAGACATCGAGGCCTTCACCATGGACC
GGGAAGTGCACAAATCAAACAAGGCCCTGGGCTTGAAATTTGCTGAGCTGGTGTATACCGGTTTCTGGCA
CAGCCCTGAGTGTGAATTTGTCCGCACTGCATCGCCAAGTCCCAGGAGCGAGTGGAAGGGAAAGTGCAG
GTGTCCGTCTCAAGGGCCAGGTGTACATCCTCGGCCGGGAGTCCCCACTGTCTCTCTACAATGAGGAGC
TGGTGAGCATGAACGTGACGGGTGATTATGAGCCAACCTGATGCCACCGGGTTCATCAACATCAATTCCCT
CAGGCTGAAGGAATATCATCGTCTCCAGAGCAAGGTCACTGCCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC223189 protein sequence Red=Cloning site Green=Tags(s) MSSKGSVVLAYSGGLDTSCILVWLKEQGYDVIAYLANIGQKEDFEEARKKALKLGAKKVFIEDVSREFVE EFIWPAIQSSALYEDRYLLGTSLARPCIARKQVEIAQREGAKYVSHGATGKGNDQVRFELSCYSLAPQIK VIAPWRMPEFYNRFKGRNDLMEYAKQHGIPIVTPKNPWSMDENLMHISYEAGILENPKNQAPPLYTKT QDPAKAPNTPDILEIEFKKGVPVKVTNVKDGTTHQTSLELFMYLNEVAGKHGVRIDIVENRFIGMKSRG IYETPAGTILYHAHLIDIEAFTMDREVRKIKQGLGLKFAELVYTGFWHSPECFVRHCIAKSQERVEGKVQ VSVLKGQVYILGRESPLSLYNEELVSMNVQGDYEPTDATGFININSLRLKEYHRLQSKVTAK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000050
ORF Size:	1236 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:	NM_000050.3
RefSeq Size:	1863 bp
RefSeq ORF:	1239 bp
Locus ID:	445
UniProt ID:	P00966
Cytogenetics:	9q34.11
MW:	46.5 kDa