

Product datasheet for **RC201130A1V**

Human ASS1 (NM_054012) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human ASS1 (NM_054012) AAV Particle
Tag: Myc-DDK
Symbol: ASS1
Synonyms: ASS; CTLN1
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC201130 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGGATCGCC**

ATGTCCAGCAAAGGCTCCGTGGTCTGGCCTACAGTGGCGGCCTGGACACCTCGTGCATCCTCGTGTGGC
TGAAGGAACAAGGCTATGACGTCATTGCCTATCTGGCCAACATTGGCCAGAAGGAAGACTTCGAGGAAGC
CAGGAAGAAGGCACTGAAGCTTGGGGCCAAAAAGGTGTTTCATTGAGGATGTCAGCAGGGAGTTTGTGGAG
GAGTTCATCTGGCCGGCCATCCAGTCCAGCGCACTGTATGAGGACCGCTACCTCCTGGGCACTCTCTTG
CCAGGCCCTGCATCGCCCGCAAACAAGTGGAAATCGCCAGCGGAGGGGGCAAGTATGTGTCCCACGG
CGCCACAGGAAAAGGGGAACGATCAGGTCGGTTCGAGCTCAGCTGCTACTCACTGGCCCCCAGATAAAG
GTCATTGCTCCCTGGAGGATGCCTGAATTCTACAACCGGTTCAAGGGCCGCAATGACCTGATGGAGTACG
CAAAGCAACACGGGATCCCATCCCGTCACTCCAAGAACCCTGGAGCATGGATGAGAACCTCATGCA
CATCAGCTACGAGGCTGGAATCCTGGAGAACCCCAAGAACCAAGCGCCTCCAGGTCTCTACACGAAGACC
CAGGACCCAGCCAAAGCCCCAACCCCTGACATTCTCGAGATCGAGTTCAAAAAGGGGTCCCTGTGA
AGGTGACCAACGTCAAGGATGGCACCACCCACAGACCTCCTGGAGCTTTCATGTACCTGAACGAAGT
CGCGGGCAAGCATGGCGTGGCCGATTGACATCGTGGAGAACCGCTTCATTGGAATGAAGTCCCGAGGT
ATCTACGAGACCCAGCAGGCACCATCCTTTACCAGCTCATTTAGACATCGAGGCTTCACCATGGACC
GGGAAGTGCGCAAAATCAAACAAGGCCCTGGGCTTGAAATTTGCTGAGCTGGTGTATACCGTTTTCTGGCA
CAGCCCTGAGTGTGAATTTGTCCGCACTGCATCGCCAAGTCCCAGGAGCGAGTGAAGGGAAAGTGCAG
GTGTCCGTCCTCAAGGGCCAGGTGTACATCCTCGGCCGGGAGTCCCCACTGTCTCTCTACAATGAGGAGC
TGGTGAGCATGAACGTGCAGGGTGATTATGAGCCAACCTGATGCCACCGGGTTCATCAACATCAATTCCT
CAGGCTGAAGGAATATCATCGTCTCCAGAGCAAGGTCAGTGCACAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RC201130 protein sequence Red=Cloning site Green=Tags(s)</p> <p>MSSKGSVVLAYSGGLDTSCILVWLKEQGYDVIAYLANIGQKEDFEEARKKALKLGAKKVFIEDVSREFVE EFIWPAIQSSALYEDRYLLGTSLARPCIARKQVEIAQREGAKYVSHGATGKGNDQVRFELSCYSLAPQIK VIAPWRMPEFYNRFKGRNDLMEYAKQHGIPIVTPKNPWSMDENLMHISYEAGILENPKNQAPPGLYTKT QDPAKAPNTPDILEIEFKKGVVPKVTNVKDGTTHTSLELFMYLNEVAGKHGVRIDIVENRFIGMKSRG IYETPAGTILYHAHLDIEAFTMDREVRKIKQGLGLKFAELVYTGFWHSPECFVRHCIAKSQERVEGKVQ VSVLKGQVYILGRESPLSLYNEELVSMNVQGDYEPTDATGFININSLRLKEYHRLQSKVTAK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_054012
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_054012.3
RefSeq Size:	1801 bp
RefSeq ORF:	1239 bp
Locus ID:	445
UniProt ID:	P00966
Cytogenetics:	9q34.11
MW:	46.5 kDa