

Product datasheet for **RC215300A1V**

Human Ceramide synthase 2 (CERS2) (NM_181746) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Ceramide synthase 2 (CERS2) (NM_181746) AAV Particle
Tag:	Myc-DDK
Symbol:	Ceramide synthase 2
Synonyms:	L3; LASS2; SP260; TMSG1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC215300 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCTCCAGACCTTGTATGATTACTTCTGGTGGGAACGTCTGTGGCTGCCTGTGAACCTGACCTGGGCCG
ATCTAGAAGACCGAGATGGACGTGTCTACGCCAAAGCCTCAGATCTCTATATCACGCTGCCCTGGCCTT
GCTCTTCTCATCGTTTCGATACTTCTTTGAGCTGTACGTGGCTACACCACTGGCTGCCCTCTTGAACATA
AAGGAGAAAACTCGGCTGCGGGCACCTCCCAACGCCACCTTGGAAACATTTCTACCTGACCACTGGCAAGC
AGCCCAAGCAGGTGGAAGTAGAGCTTTTGTCCCGCAGAGCGGGCTCTCTGGCCGCCAGGTAGAGCGTTG
GTTCCGTCGCGCCGCAACCAAGGACCGGCCAGTCTCCTCAAGAAGTTCCGAGAAGCCAGCTGGAGATTCT
ACATTTTACCTGATTGCCTTCATTGCCGCGATGGCCGTCATTGTGGATAAACCCCTGGTTCTATGACATGA
AGAAAGTTTGGGAGGGATATCCCATACAGAGCACTATCCCTTCCCAAGTATTGGTACTACATGATTGAACT
TTCCTTCTACTGGTCCCTGCTCTTCAGCATTGCCTCTGATGTCAAGCGAAAGGATTTCAAGGAACAGATC
ATCCACCATGTGGCCACCATCATTCTCATCAGCTTTTCTGGTTTGCCAATTACATCCGAGCTGGGACTC
TAATCATGGCTCTGCATGACTCTTCGATTACCTGCTGGAGTCAGCCAAGATGTTTAACTACGCGGGATG
GAAGAACACCTGCAACAACATCTTCATCGTCTTCGCCATTGTTTTATCATACCCGACTGGTCATCCTG
CCCTTCTGGATCCTGCATTGCACCCTGGTGTACCACTGGAGCTCTATCTGCCTCTTTGGCTATTACT
TCTTCAATTCCATGATGGGAGTTCTACAGCTGCTGCATATCTTCTGGGCCTACCTCATTTTGCATGCGC
CCACAAGTTTCATAACTGGAAAGCTGGTGAAGATGAACGAGTACCGGGAAGAAACAGAGAGCTCAGAG
GGGGAGGAGGCTGCAGCTGGGGAGGAGCAAAGAGCCGCCCTAGCCAATGGCCACCCCATCTCAATA
ACAACCATCGTAAGAATGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC215300 protein sequence Red=Cloning site Green=Tags(s) MLQTLYDYFWWERLWLPVNLTWADLEDGRVYAKASDLYITLPLALLFLIVRYFFELYVATPLAALLNI KEKTRLRAPPNATLEHFYLTSGKQPKQVEVELLSRQSGLSGRQVERWFRRRRNQDRPSLLKKFREASWRF TFYLIAFIAGMAVIVDKPWFYDMKKVWEGYPIQSTIPSQYWYMIELSFYWSLLFSIASDVKRKDFKEQI IHHVATIILISFSWFANYIRAGTLIMALHDSSDYLLSAKMFNYAGWKNTCNNIFIVFAIVFIITRLVIL PFWILHCTLVYPLELYPAFFGYFFNSMMGVLQLLHIFWAYLILRMAHKFITGKLVEDERSDREETESSE GEEAAAGGGA SRPLANGHPILNNHRKND TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_181746
ORF Size:	1140 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_181746.1
RefSeq Size:	2544 bp
RefSeq ORF:	1143 bp
Locus ID:	29956
UniProt ID:	Q96G23
Cytogenetics:	1q21.3
MW:	44.9 kDa