

## Product datasheet for **RC200145A1V**

### Human Ceramide synthase 2 (CERS2) (NM\_022075) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human Ceramide synthase 2 (CERS2) (NM_022075) 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:	>RC200145 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**

ATGCTCCAGACCTTGATGATTACTTCTGGTGGGAACGTCTGTGGCTGCCTGTGAACCTGACCTGGGCCG  
ATCTAGAAGACCGAGATGGACGTGTCTACGCCAAAGCCTCAGATCTCTATATCACGCTGCCCTGGCCTT  
GCTCTTCTCATCGTTTCGATACTTCTTTGAGCTGTACGTGGCTACACCACTGGCTGCCCTCTTGAACATA  
AAGGAGAAAACTCGGCTGCGGGCACCTCCCAACGCCACCTTGGAAACATTTCTACCTGACCAGTGGCAAGC  
AGCCAAAGCAGGTGGAAGTAGAGCTTTTGTCCCGCAGAGCGGGCTCTCTGGCCGCCAGGTAGAGCGTTG  
GTTCCGTCGCGCCGCAACCAGGACCGGCCAGTCTCCTCAAGAAGTCCGAGAAGCCAGCTGGAGATTC  
ACATTTTACCTGATTGCCTTCATTGCCGCATGGCCGTCATTGTGGATAAACCCCTGGTTCTATGACATGA  
AGAAAGTTGGGAGGGATATCCCATACAGAGCACTATCCCTTCCCAGTATTGGTACTACATGATTGAACT  
TTCCTTCTACTGGTCCCTGCTCTTCAGCATTGCCTCTGATGTCAAGCGAAAGGATTTCAAGGAACAGATC  
ATCCACCATGTGGCCACCATCATTCTCATCAGCTTTTCTGGTTTGCCAATTACATCCGAGCTGGGACTC  
TAATCATGGCTCTGCATGACTCTCCGATTACCTGCTGGAGTCAGCCAAGATGTTAACTACGCGGGATG  
GAAGAACACCTGCAACAACATCTTCATCGTCTTCGCCATTGTTTTATCATACCCGACTGGTCATCCTG  
CCCTTCTGGATCCTGCATTGCACCCTGGTGTACCCACTGGAGCTCTATCTGCCTCTTTGGCTATTACT  
TCTTCAATTCCATGATGGGAGTTCTACAGCTGCTGCATATCTTCTGGGCCTACCTCATTTTGGCATGGC  
CCACAAGTTCATAACTGGAAAGCTGGTGAAGATGAACGCAGTGACCGGGAAGAAACAGAGAGCTCAGAG  
GGGGAGGAGGCTGCAGCTGGGGGAGGAGCAAAGAGCCGCCCTAGCCAATGGCCACCCCATCTCAATA  
ACAACCATCGTAAGAATGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	>RC200145 protein sequence Red=Cloning site Green=Tags(s)  MLQTLYDYFWWERLWLPVNLTWADLEDRDGRVYAKASDLYITLPLALLFLIVRYFFELYVATPLAALLNI KEKTRLRAPPNATLEHFYLTSGKQPKQVEVELLSRQSGLSGRQVERWFRRRRNQDRPSLLKFKREASWRF TFYLIAFIAGMAVIVDKPWFYDMKKVWEGYPIQSTIPSYWYMYIELSFYWSLLFSIASDVKRKDFKEQI IHHVATIILISFSWFANYIRAGTLIMALHDSSDYLLS AKMFNYAGWKNTCNNIFIVFAIVFIITRLVIL PFWILHCTLVYPLELYPAFFGYFFNSMMGVLQLLHIFWAYLILRMAHKFITGKLVEDERSDREETESSE GEEAAAGGGAKSRPLANGHPILNNHRKND  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_022075
<b>ORF Size:</b>	1140 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_022075.3</a>
<b>RefSeq Size:</b>	2504 bp
<b>RefSeq ORF:</b>	1143 bp
<b>Locus ID:</b>	29956
<b>UniProt ID:</b>	<a href="#">Q96G23</a>
<b>Cytogenetics:</b>	1q21.3
<b>MW:</b>	44.9 kDa