

Product datasheet for **RC225976A1V**

Human **ACSM2B (NM_001105069)** AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ACSM2B (NM_001105069) AAV Particle
Tag:	Myc-DDK
Symbol:	ACSM2B
Synonyms:	ACSM2; HXMA; HYST1046
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC225976 representing NM_001105069
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGCATTGGCTGCGAAAAGTTCAAGGACTTTGCACCTGTGGGTACTCAGATGTCCAGCCGCACTCTCT
 ACATTAATAGTAGGCAACTGGTGTCCCTGCAGTGGGGCCACCAGGAAGTGCCGGCCAAGTTAACTTTGC
 TAGTGATGTGTTGGATCACTGGGCTGACATGGAGAAGGCTGGCAAGCGACTCCCAAGCCAGCCCTGTGG
 TGGGTGAATGGGAAGGGGAAGGAATTAATGTGGAATTTAGAGAACTGAGTGAAAACAGCCAGCAGGCAG
 CCAACATCCTCTCGGGAGCCTGTGGCTGCAGCGTGGGATCGTGTGGCAGTGATGCTGCCCCGAGTGCC
 TGAGTGGTGGCTGGTATCCTGGGCTGCATTGAGCAGGTCTCATCTTTATGCCTGGAACCATCCAGATG
 AAATCCACTGACATACTGTATAGGTTGCAGATGTCTAAGGCCAAGGCTATTGTTGCTGGGATGAAGTCA
 TCCAAGAAGTGGACACAGTGGCATCTGAATGTCCTTCTCTGAGAATTAAGCTACTGGTGTCTGAGAAAAG
 CTGCGATGGGTGGCTGAACCTCAAGAACTACTAAATGAGGCATCCACCCTCATCACTGTGTGGAGACT
 GGAAGCCAGGAAGCATCTGCCATCTACTTCACTAGTGGGACCAGTGGTCTTCCCAAGATGGCAGAACATT
 CCTACTCGAGCCTGGGCTCAAGGCCAAGATGGATGCTGGTTGGACAGGCTGCAAGCCTCTGATATAAT
 GTGGACCATATCAGACACAGGTTGGATACTGAACATCTTGGGCTCACTTTTGAATCTTGGACATTAGGA
 GCATGCACATTTGTTCTCTTGGCAAAGTTTGACCCACTGGTTATTCTAAAGACACTCTCCAGTTATC
 CAATCAAGAGTATGATGGGTGCCCTATTGTTTACCGGATGTTGCTACAGCAGGATCTTTCAGTTACAA
 GTTCCCCCATCTACAGAACTGCCTCGCTGGAGGGGAGTCCCTTCTTCCAGAACTCTGGAGAAGTGGAGG
 GCCCAGACAGGACTGGACATCCGAGAATTCTATGGCCAGACAGAAACGGGATTAACCTGCATGGTTTCCA
 AGACAATGAAAATCAAACCAGGATACATGGGAACGGCTGCTTCTGTTATGATGTACAGGTTATAGATGA
 TAAGGGCAACGTCCTGCCCCCGGCACAGAAGGAGACATTGGCATCAGGGTCAAACCCATCAGGCCCTATA
 GGCATCTTCTCTGGCTATGTGGAATATCCCGACAGACAGCAGCAACATTGAGGAGACTTTTGGCTCC
 TTGGAGACCGGGAATCAAAGATGAAGATGGGTATTTCCAGTTTATGGGACGGGCAGATGATATCATTAA
 CTCCAGCGGATACCGATTGGACCTCGGAGGTAGAGAATGCACTGATGAAGCACCTGCTGTGGTTGAG
 ACGGCTGTGATCAGCAGCCAGACCCCGTCCGAGGAGAGGTGGTGAAGGCATTTGTGATCCTGGCCTCGC
 AGTTCTATCCCATGACCCAGAACAGCTACCAAGGAGCTGCAGCAGCATGTGAAGTCACTGACAGCCCC
 ATACAAGTACCAAGAAAGATAGAGTTTGTCTTGAACCTGCCCAAGACTGTCACAGGGAAAATTCAACGA
 ACCAAACTTCGAGACAAGGAGTGAAGATGTCCGAAAAGCCCGTGCAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MHWLRKVQGLCTLWGTQMSSRTLYINSRQLVSLQWGHQEVPAKFNFASDVLHWADMEKAGKRLPSPALW
 WYNGKGKELMWNFRELSENSQQAANILSGACGLQRGDRVAVMLPRVPEWWLVILGCIRAGLIFMPGTIQM
 KSTDILYRLQMSKAKAIVAGDEVIQEVDTVASECPSLRILLVSEKSCDGLNFKLLNEASTTHHCVE
 GSQEASAIYFTSGTSLPKMAEHSYSSGLKAKMDAGWTGLQASDIMWTISDTGWILNIGSLLESWTG
 ACTFVHLLPKFDPLVILKTLSSYPIKSMGAPIVYRMLLQDLSSYKFPHLQNLGAGESLLPETLENWR
 AQTGLDIREFYQTETGLTCMVSKTMKIKPGYMGTAASCYDVQVIDDKGNVLPPTGEDDIGIRVKPIRPI
 GIFSGYVENPDKTAANIRGDFWLLGDRGIKDEGYFQFMGRADDIINSSGYRIGPSEVENALMKHPAVVE
 TAVISSPDPVRGEVVKAFVILASQFLSHDPEQLTKELQQHVKSVTAPYKYPKIEFVLNLPKTVTGKIQR
 TKLRDKWKMSGKARAQ

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_001105069
ORF Size:	1731 bp
Buffer:	PBS with 0.001% Pluronic F8905
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_001105069.1</u>
RefSeq ORF:	1734 bp
Locus ID:	348158
UniProt ID:	<u>Q68CK6</u>
Cytogenetics:	16p12.3
MW:	64.1 kDa