

Product datasheet for **RC215762A1V**

Human INSM2 (NM_032594) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human INSM2 (NM_032594) AAV Particle
Tag:	Myc-DDK
Symbol:	INSM2
Synonyms:	IA-6; IA6; mlt1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC215762 representing NM_032594
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCCAAGGGGATTCTGGTGAAGCGAACTAAACGGACAGGCGGCTTGACCGAGTTGCGCTTGGCGAGC
 GTGTCTTCCCTCTGCTGGGGCCCCAGGGGGCGCCGCCCTTCTTGAGGAGGCTCCAGCGCCTCCTTGCC
 CGGCGCGGAGCGGGCGACACCCCCACCCGAGAGGAACAGGAAAGGGTTGACGGCGGAGGCGGCCCGG
 GAACAGTCGGGGTGCCTATGTCGGGCGGCTGGGGTGAAGCGGGGACGGGCGGGCGGGAAGGCGCGGAGT
 GGCGGGCGGGTGGCAGGGAAGGTCCCGGGCCAGCCCCAGCCCCAGCCCCAGTCCAGCGAAGCGGCGAGG
 CGCAGAGCTGCGTCGGGCGTTCTGGAGCGCTGCCTCAGCTCGCCGCTCTCCGCCGAGTCTTTCCCGGG
 GGGCGGCCCGCGTGGCCGCTTCTCCTGCTCCGTGGCGCCAGCAGCCGACCGACCCCGGGGGAGCAGT
 TTCTGCTGCCGCTTCGGGCGCCGTTCCAGAGCCCGCGCTTCAGCCGACCTGCGCCCCCTCTCGGCCGC
 CCTTCAGAGTCTGAAGCGGGCGGCCGGCGGCGAGCGCCGCGGCAAGGCACCCACGGGCTGCGCGTCTGGA
 CCCGCGGCCCGGGAATCAAGAAGCCAAAGGCCATGAGGAAGTTGAGCTTTGCCGATGAGGTGACCACAT
 CCCCTGTCTGGGCTGAAGATCAAGGAGGAGGAGCCCGAGCGCCGTCCCGGGGCTTGGGGGGAGCCG
 CACGCCACTGGGGAGTTCATCTGCCAGCTGTGCAAGGAGCAGTACGACAGCCCTTCGCGCTGGCCAG
 CACCGTGTCTCCCGCATCGTGCAGCTAGAGTACCGTGCCTGAGTGCGACAAGGTGTTAGCTGTCTCTG
 CGAACCTGGCTCCCATCGCCGCTGGCATAAGCCGCGTCTGCGGCTGCAACGCCGCCACAGTCTCTC
 CGCCGACGGGAAGCGCCTTCTTCGTCGTTCTGCTCTCCCGGACTCCGGGGCATTGCATCTTTCTG
 GCGGAGGGAAGGAGAACAGCCGAATAGAGCGGACTGCGGATCAGCACCCGACGCGGAGGAGCTCCG
 GGGCGGATCAGCACCCGACAGCGCCCCGAGGCGGCTCCAGTGGTGACGCATCCAGAGCCACCGCT
 GCCTCAGGGCCCTACACGGAGGGGTTTGGGGCGCCGGTACCTGTGCCGGGAGTACCAAGTGGTGGC
 AGGGGATCCGAGATTTCTGTGCCCATTGTCACAAAAAGTTTCGTGCGCAAGCCTATCTGCGCAAGC
 ACCTGAGCACTCACGAGGCGGGCTCGGCCGTCGCTAGCGCCGGGCTTTGGTCCGAACGCGGTGCCCC
 ACTTGCCTTCGCTTGCCATTGTGCGGAGCGCACTTCCCTACAGCAGATATCAGGGAGAAGCACCAGGCTG
 TGGCATGCTGTCCGCGAGGAGTGTCTGCGCCGCTCTGGCGGGGCTCTCCCGAAACGTCGGGCCCTA
 GCGGGCCATCTGACGGGAGTGCCAGCAAATTTCTCTGCAAGCACTGCCCCTCACTTTTTTTAGCTC
 TCCAGGGCTGACCCGGCACATCAATAAGTGCCACCCCTCAGAAAGCCGGCAAGTGTCTGCTGCAGATG
 CCACTGCGGCCTGGCTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MPRGFLVKRTKRTGGLYRVRLAERVFPLLGPQGAPPFLEEAPSASLPGAERATPPTREEPGKGLTAEAR
 EQSGSPCRAAGVSPGTGGREGAEWRAGGREGPGSPSPSPSPAKPAGAE LRRAFLERCLSSPVSAESFPG
 GAAAVAAFSCSVAPAAAPTPGEQFLLPLRAPFPEPALQPDPAPLSAALQSLKRAAGGERRGKAPTGCASG
 PAAAGIKPKAMRKL SFADEVTTSPVLGLKIKEEPEGAPSRGLGGSRTPLGEFICQLCKEQYADPFALAQ
 HRCSRIVRVEYRCPECDKVFSPANLASHRRWHKPRPAAANAATVSSADGKPPSSSSSSSRDSGAIASFL
 AEGKENSRIERTADQHPQARDSSGADQHPDSAPRQGLQVVTHTPEPPLPQGPYTEGLVLRVPVPGSTSGG
 RGSEIFVCPYCHKKFRQAYLRKHLSTHEAGSARALAPGFGSERGAPLAFACPLCGAHFPTADIREKHRL
 WHAVREELLPLALAGAPPETSGPSGSDGSAQQIF SCKHCPSTFFSSPGLTRHINKCHPSESQVLLQLM
 PLRPGC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_032594
ORF Size:	1698 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:	<u>NM_032594.2</u> , <u>NP_115983.2</u>
RefSeq Size:	3024 bp
RefSeq ORF:	1701 bp
Locus ID:	84684
UniProt ID:	<u>Q96T92</u>
Cytogenetics:	14q13.2
MW:	59.3 kDa