

Product datasheet for **RC223778A1V**

Human LRSAM1 (NM_001005374) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human LRSAM1 (NM_001005374) AAV Particle
Tag:	Myc-DDK
Symbol:	LRSAM1
Synonyms:	CMT2P; RIFLE; TAL
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC223778 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGCTCTTCTTCGGAAGCGGAAACCCAGTGAGGAGGCTCGGAAACGCCTGGAGTACCAGATGTGTT
 TGGCAAAAGAAGCTGGGGCAGATGACATTCTCGACATCTCTAAATGTGAGCTCTCAGAGATTCCATTGG
 AGCTTTTGCAACATGCAAAGTTCTGCAGAAGAAGGTGCTGATCGTCCACACGAATCACCTCACTTCCCTG
 CTTCCCAAATCCTGCAGCCTCCTGAGTCTGGCAACCATTAAAGTTCTAGATCTCCACGATAATCAGCTGA
 CAGCCCTTCTGACGATCTGGGGCAGCTGACTGCCCTCCAGGTCTTAAACGTGGAAGGAATCAACTGAT
 GCAGCTCCACGTTCCATTGGGAACCTGACCCAGCTCCAGACTCTCAATGTTAAAGACAACAAGCTGAAG
 GAGCTTCCAGACACCGTGGGGGAGCTTGAAGCCTGCGTACCCTCAACATCAGTGGAACGAGATCCAGA
 GATTGCCGAGATGCTGGCTCACGTTCAACCCCTGGAGATGCTGAGCCTTGACGCCTCGGCCATGGTCTA
 CCCGCCGCGGAGGTGTGTGGTGCCGGCACTGCGGCCATCTTGCAAGTCTCTGCAAAGAGTCAGGGCTG
 GAATACTACCCCTTCTCAGTACTTGTGCAATTCTGGAGCAAGATGGAATCGAGAATCTCGGGACA
 GCCCTGATGGGCCCACGACAGATTCTCAAGGGAGGAGTTAGAGTGGCAGAACAGGTTCTCAGACTATGA
 GAAGAGGAAGGAACAGAGATGCTGGAGAACTCGAGTTTGAACGGCGCCTGGAAGTGGGGCAGCGGGAG
 CACACCCAGCTCCTTCAGCAGAGCAGCAGCCAGAAGGATGAGATCCTTCAGACGGTCAAGGAGGAGCAGT
 CCCGGCTGGAGCAGGGCCTGAGTGAGCACCAGCGCCACCTCGACGCAGAGCGGCAGCGGCTGCAGGAGCA
 GCTGAAGCAGACGGAACAGAACATTTCCAGCCGGATCCAGAAGCTGCTGCAGGACAATCAGAGACAAAAG
 AAAAGCTCCGAGATTTTGAATCGCTGGAAAATGAAAGAATAAGAATGGAACAGTTGATGTCCATAACCC
 AGGAGGAGACTGAGAGCCTGCGGCGACGTGACGTTGCCCTCCGCCATGCAGCAGATGCTGACTGAGAGCTG
 TAAGAACCGGCTCATCCAGATGGCCTACGAATCTCAGAGGCAGAACTGGTCCAGCAGGCCTGTTCCAGC
 ATGGCCGAAATGGATGAACGATTCCAGCAGATTCTGTCGTGGCAGCAAATGGATCAGAACAAAGCCATCA
 GCCAGATCCTGCAGGAGAGCGCGATGCAGAAGGCTGCGTTTCGAGGCACTCCAGGTGAAGAAAGACCTGAT
 GCATCGGCAGATCAGGAGCCAGATTAAGTTAATAGAACTGAGTTATTGCAGCTGACACAGCTGGAGTTA
 AAGAGGAAGTCCCTGGACACAGAGTCACTCCAGGAGATGATCTCGGAGCAGCGCTGGGCCCTCAGCTCCC
 TGCTCCAGCAGCTGCTCAAAGAGAAGCAGCAGCGAGAGGAAGAGTCCGGGAAATCCTGACGGAGTTAGA
 AGCCAAAAGTGAACACAGGCAGGAAAATTACTGGCTGATTCAGTATCAACGGCTTTTGAACAGAAAGCCC
 TTGTCTTGAAGCTGCAAGAAGAGGGGATGGAGCGCCAGCTGGTGGCCCTCCTGGAGGAGCTGTGCGCTG
 AGCACTACCTGCCATCTTTGCGCACCCCGCCTCTCACTGGACCTGCTGAGCCAAATGAGCCCAGGGGA
 CCTGGCCAAGGTGGGCGTCTCAGAAGCTGGCCTGCAGCACGAGATCCTCCGGAGAGTCCAGGAATGCTG
 GATGCAGCCAGGATCCAGCCAGAGCTGAAACCAATGGGTGAGGTCGTCAACCCCTACGGCCCCCAGG
 AGCCTCCTGAGTCTGTGAGGCCATCCGCTCCCCTGCAGAGCTGGAGGTGCAGGCCTCAGAGTGTGTCGT
 GTGCTTGAACGGGAGGCCAGATGATCTTCTCAACTGTGGCCACGTCTGCTGCTGCCAGCAGTGTGTC
 CAGCCACTGCGCACCTGCCCGTGTGCCGCCAGGACATCGCCAGCGCCTCCGCATCTACCACAGCAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC223778 protein sequence Red=Cloning site Green=Tags(s) MPLFFRKRKPSEEARKRLEYQMCLAKEAGADDILDISKCELSEIPFGAFATCKVLQKKVLIVHTNHLTSL LPKSCSLLSLATIKVLDLHDNQLTALPDDLQQLTALQVLNVERNQLMQLPRSIGNLTQLQTLNVKDNKLLK ELPDTVGELRSLRTLNIISGNEIQRLPQMLAHVRTLEMLSLDASAMVYPPREVCGAGTAAILQFLCKESGL EYPPSQYLLPILEQDGIENSRLSPDGPTDRFSREELEWQNRFSYKQKQKMLEKLEFERRLELGQRE HTQLLQSSSQKDEILQTVKKEQSRLEQGLSEHQRHLDAERQRLQEQKQTEQNISSRIQKLLQDNQRQK KSSEILKSLENERIRMEQLMSITQEETESLRRRDVASAMQMLTESCKNRLIQMAYESQRQNLVQQACSS MAEMDERFQQILSWQMDQNKAIISQILQESAMQKAAFEALQVKKDLMHRQIRSQIKLIETELLQLTQLEL KRKSLDTESLQEMISEQRWALSSLLQQLLKEKQREELREILTELEAKSETRQENYWLQYQRLNQP LSLKLQEEGMRQLVALLEELSAEHYLPFAHHRLSLDLLSQMSPGDLAKVGVSEAGLQHEILRRVQELL DAARIQPELKPPMGEVVTPTAPQEPPESVRPSAPPAELEVQASECVVCLEREAQMIFLNCGHVCCCQCC QPLRTCPLCRQDIAQRLRIYHSS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001005374
ORF Size:	2169 bp
Buffer:	PBS with 0.001% Pluronic F8708
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_001005374.1, NP_001005374.1</u>
RefSeq Size:	2851 bp
RefSeq ORF:	2172 bp
Locus ID:	90678
UniProt ID:	<u>Q6UWE0</u>
Cytogenetics:	9q33.3-q34.11
MW:	83.6 kDa