

Product datasheet for **RC222131A1V**

Human LRRTM2 (NM_015564) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human LRRTM2 (NM_015564) AAV Particle
Tag:	Myc-DDK
Symbol:	LRRTM2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC222131 representing NM_015564
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGGCTTACATTCAAGTGGCCATTAGGGGCCCTATGCTGGCAGCAATATATGCAATGAGTATGGTTT
 TAAAAATGCTGCCTGCCCTGGGTATGGCGTGTCCACCCAAATGCCGCTGCGAGAAGCTGCTCTTCTACTG
 CGACTCTCAGGGCTTCCACTCAGTGCCAAACGCCACAGACAAGGGCTCTCTGGGCTGTCCCTGAGGCAC
 AATCACATCACAGAGCTCGAAAGAGATCAATTTGCCAGCTTCAGTCAACTTACTTGGCTCCACTTAGATC
 ACAATCAAATTTCAACAGTAAAAGAAGATGCTTTTCAAGGACTATATAAACTTAAGGAATTAATCTTAAG
 TTCCAACAAAATATTTTACTTGCCAAACACAATTTTACCCAAGTATTAACCTGCAAAATTTGGACCTG
 TCTTTTAAATCAGCTGTCTCTGACCCAGAGCTCTTCTATGGCCTTCGGAAGCTGCAGACCTTGCAAT
 TACGTTCCAATCCCTGCGGACTATCCAGTACGCTGTCTGGGACTGTCGTAGTCTGGAGTTTCTGGA
 TTTGAGCACAATCGTTTGCAGTTTGGCTCGCAATGGATTTGCAGGATTAATTAAGTGAAGAGCTT
 CACCTAGAGCACAACAGCTGACGAAGATTAATTTTGCTCATTTCTACGGCTAAGCAGTCTGCACACGC
 TCTTCTTACAATGGAACAAAATCAGCAACTTGACATGTGGGATGGAGTGGACCTGGGGCACTTTAGAAAA
 GCTAGACCTGACTGGAATGAAATCAAAGCCATCGACTTGACAGTGTGTTGAAACGATGCCAATCTTAA
 ATACTCCTCATGGATAACAACAAGTTAAACAGCCTTGATTCCAAGATCTTAACTCCCTGAGATCCCTCA
 CAACCGTTGGTCTCTCTGGCAATCTGTGGGAATGCAGCGCCCGAATATGTGCTCTGGCCTCTGGCTGGG
 CAGTTTCCAAGGTCGGTGGGAACACTCCATCCTATGCCACAGTCTGACCACACCAAGGAGAGGATATT
 CTAGATGCAGTCCATGGATTTGAGCTCTGCTGGAATTTGTCAACCACTGTCAGTGTATGGCTACAATTT
 ATAGAGATCCAACCACTGAATATACAAAAGAATAAGCTCATCAAGTTACCATGTGGGAGACAAAAGAAAT
 CCCAACTACTGCAGGCATAGCAGTTACTACCGAGGAACACTTTCTGAACCAAGCAATGCCATCTTCACT
 CAGCGGGTAATTACGGGAACAATGGCTTTATTGTTTTCTTTCTTTTATTATTTTATAGTGTTTATCT
 CCAGGAAGTGTGCCCTCCCACTTTAAGAAGAATTAGGCAGTGTCAATGGTTCAGAACCACAGGCAGCT
 CCGATCCCAAACAGACTCCATATGTCAAACATGTGACCAAGGACCGTATAATGAATATGAACCCACC
 CATGAAGGACCTTCATCATCATTAAATGGTTATGGACAGTGAAGTGTGACAGCTGCCATACAAAGAAT
 GTGAAGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MGLHFKWPLGAPMLAAIYAMSMVLKMLPALGMACPPKCRCEKLLFYCDSQGFHSPNATDKGSLGLSLRH
 NHITELERDQFASFSQLTWLHLDHNQISTVKEDAFQGLYKLKELILSSNKIFYLPNTTFTQLINLQNLDL
 SFNQLSSLHPELFYGLRKLQTLHLRSNSLRTIPVRLFWDGRSLEFLDLSTNRLRSLARNGFAGLIKREL
 HLEHNQLTKINFAHFLRLSSLHTLFLQWNKISNLTGMEWTWGTLEKLDLTGNEIKAIDLTVFETMPNLK
 ILLMDNNKLNLSLDSKILNSLRSLTTVGLSGNLWECSARICALASWLGSGFQGRWEHSILCHSPDHTQGED
 LDVHGFQLCWNLSTTVTMATTYRDPTEYTKRISSSSYHVGDKEIPTTAGIAVTTEEHPDPDNIIFT
 QRVITGTMALLFSFFFIIFIVFISRKCCPPTLRRIRQCSMVQNRQLRSQTRLHMSNMDSQGPYNEYEPT
 HEGPFIIINGYGQCKCQQLPYKECEV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_015564

ORF Size:	1548 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_015564.1</u>
RefSeq Size:	5572 bp
RefSeq ORF:	1551 bp
Locus ID:	26045
UniProt ID:	<u>O43300</u>
Cytogenetics:	5q31.2
MW:	58.9 kDa