

Product datasheet for **RC201486A1V**

Human ERLEC1 (NM_015701) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ERLEC1 (NM_015701) AAV Particle
Tag:	Myc-DDK
Symbol:	ERLEC1
Synonyms:	C2orf30; CIM; CL24936; CL25084; HEL117; XTP3-B; XTP3TPB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC201486 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGAAGGAGGCGGCGCGTACGGAGTCTGGTCCCGGGCGGCGCGGTGTTACTGGTCTCTGCGGCC
 TCCTGGAGGCGTCCGGCGGCGGCGGAGCCCTTCTCAACTCAGCGATGACATCCCTTTCCGAGTCAACTG
 GCGCGGACCGAGTTCTCTGCCCCAACCTGGAGTTTTATATAAAGAAGATAATTATGTCATCATGACA
 ACTGCACATAAAGAAAAATATAATGCATACTTCCCTTGTGACAAGTGGGGATGAGGAAGAAGAAAAGG
 ATTATAAAGGCCCTAATCCAAGAGAGCTTTGGAGCCACTATTTAAACAAGCAGTTGTTCTACAGAAT
 TGAGTCTTATTGGACTTACGAAGTATGTCATGGAACACATTCGGCAGTACCATGAAGAGAAAGAACT
 GGTGAGAAAATAAATATTCACGAGTACTACCTGGGAATATGTTGGCCAAGAACCTTCTATTTGAAAAAG
 AACGAGAAGCAGAAGAAAAGGAAAAATCAAATGAGATCCCACTAAAAATATCGAAGGTGAGATGACACC
 ATACTATCCTGTGGGAATGGGAAATGGTACACCTTGTAGTTTGAACAGAACCGGCCAGATCAAGTACT
 GTGATGTACATATGTCATCCTGAATCTAAGCATGAAATCTTTTCACTAGCTGAAGTTACAACCTGTGAAT
 ATGAAGTTGTCATTTTGACACCACTCTTGTGCAGTCATCCTAAATATAGGTTTCAAGCATCTCTGTGAA
 TGACATATTTTGTCAATCACTGCCAGGATCTCCATTTAAGCCCTCACCTGAGGCAGCTGGAGCAGCAG
 GAAGAAATACTAAGGGTGCCTTTTAGGAGAAATAAGAGGAAGATTTGCAATCACTAAAGAAGAGAGAT
 TTCCAGCGATCCACAAGTCGATTGCTATTGGCTCTCAGCCAGTGCTCACTGTTGGGACAACCCACATATC
 CAAATTGACAGATGACCAACTCATAAAGAGTTTCTTAGTGGTTCTTACTGCTTTCGTGGGGGTGTCGGT
 TGGTGGAAATATGAATTCTGCTATGGCAACATGTACATCAATACCATGAGGACAAGGATAGTGGGAAAA
 CCTCTGTGGTTGTGCGGACATGGAACCAAGAAGAGCATATTGAATGGGCTAAGAAGAATACTGCTAGAGC
 TTATCATCTTCAAGACGATGGTACCCAGACAGTCAGGATGGTGTACATTTTATGGAAATGGAGATATT
 TGTGATATAACTGACAAACCAAGACAGGTGACTGTAAACTAAAGTGCAAGAATCAGATTACCTCATG
 CTGTTACTGTATATGCTAGAGCCTCACTCCTGTCAATATATTCTTGGGGTTGAATCTCCAGTGATCTG
 TAAATCTTAGATACAGCAGATGAAATGGACTCTTTCTCTCCCAAC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201486 protein sequence
 Red=Cloning site Green=Tags(s)

MEEGGGVRS LVPGGPVLLVLCGLLEASGGGRALPQLSDDIPFRVNWPGTEFSLPTTGVLKEDNYVIMT
 TAHKEKYKILPLVTSGDEEEKDYKGNPRELLEPLFKQSSCSYRIESYWTYEVCHGKHIRQYHEEKET
 GQKINIHEYLG NMLAKNLLFEKEREAEKEKSNEIPTKNIEGQMTPIYPVGMNGTPCSLKQNRPRSST
 VMYICHPEKHEILSVAEVTTCYEYEVILTPLLCSHPKYRFRASPVNDIFCQSLPGSPFKPLTLRQLEQQ
 EEILRVPFRRNKEEDLQSTKEERFPAIHKSIAIGSQPVLTVGTTTHISKLTDDQLIKEFLSGSYCFRGGVG
 WWKYEFYCGKHVHQYHEDKDSGKTSVVVGWTWNQEEHIEWAKKNTARAYHLQDDGTQTVRMVSHFYNGNDI
 CDITDKPRQVTVKLKCKESDSPHAVTVYMLEPHSCQYILGVESPVICKILDTADENGLLSLPN

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_015701

ORF Size:

1449 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_015701.2</u>
RefSeq Size:	2605 bp
RefSeq ORF:	1452 bp
Locus ID:	27248
UniProt ID:	<u>Q96DZ1</u>
Cytogenetics:	2p16.2
MW:	54.9 kDa