

Product datasheet for **RC219014**

L1TD1 (NM_019079) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	L1TD1 (NM_019079) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	L1TD1
Synonyms:	ECAT11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC219014 representing NM_019079
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTGTAGTATCTACTAGTGTACAATCAAAATTTGCTAGACTTGCAAAGAAAAAGGAAAAATATCACCT
 ATATGAAAAGAGAGCAGTTAACAGAACTGATAAGGACATAGCTCCGGTATTAGATTTAAAAATGCAAGGA
 CGTATCAGCAATTATGAATAAGTTTAAGGTCTTAATGGAAATTCAGACCTGATGTTTGAGGAGATGAGG
 GAAACTCTTAAAAATGACCTAAAAGCAGTTTTAGGGGAAAAAGCTACAATACCTGAGGTAAAGAATTCAG
 AGAACTCCAGTAGTAGGACAGAGTTTCAGCAAATAATCAATTTAGCATTACAAAAACAGGGATGGTAGG
 GAAAAAGAGGAGAAAACTCTAAAATAGGTGATGATAATGAAAATTTAACCTTTAAATTAGAAGTAAAT
 GAGCTGAGTGGTAAATTAGACAACACTAACGAATACAATAGTAATGATGGTAAGAAATTACCCAGGGTG
 AATCACGAAGTTACGAAGTCATGGGAAGTATGGAAGAAACCTTATGCAATATAGATGACAGAGATGGAAA
 TCGCAATGTCCATTTAGAATTTACAGAAAGAGAGAGTAGGAAGGATGGAGAGGATGAATTTGTCAAAGAA
 ATGAGAGAGGAAAGAAAAATTTAGAAAATGAAGAATAAAGAGGAGGTTTTAAAGCCTCCAGAGAAAGAAA
 AAGTGTGATGGATGAAGGAGCAGTACTTACCCTGGTAGCCGACCTTTTCATCAGCAACACTGGATATTAG
 TAAGCAATGGAGTAATGTCTTCAACATTCTGAGAGAAAATGATTTTGAACCTAAATTTCTGTGTGAAGTT
 AAATTAGCATTTAAATGTGATGGTGAATAAAGACATTTTCAGATCTGCAAAGCCTTAGAAAAATTTGCCA
 GCCAAAAATCTTCTGTGAAAGAATTACTGAAAGATGTACTCCACAAAAGGAAGAAATAAATCAAGGAGG
 AAGAAAAATGGAATTCAGAAAAAGGGATAAAACCCCTAATAGACTCAAAGCATAGAGCTGGAGAAATA
 ACCAGTGATGGCTTGAGCTTCTTATTTCTTAAAGAAGTAAAGTTGCTAAGCCAGAGGAGATGAAAACT
 TAGAGACTCAAGAGGAAGAGTTTTCCGAGCTAGAGGAGCTGGATGAAGAGGCCTCAGGGATGGAGGATGA
 TGAAGATACCTCAGGGCTGGAGGAGGAGGAGGAAGAGCCCTCAGGGCTGGAGGAGGAAGAAGAAGAGAG
 GCTTCAGGGTTGGAGGAGGATGAGGCCTCAGGGCTAGAGGAGGAAGAGGAACAGACTTCAGAACAGGACT
 CAACCTTTCAGGGTCATACTTTGGTAGATGCAAAGCATGAAGTTGAGATAACCAAGTGATGGCATGGAAC
 TACTTTTATTGACTCTGTAGAGGATTCTGAATCAGAGGAGGAAGAAGAAGGAAAGAGCTCTGAAACAGGA
 AAGGTAAGAGACTACCTCCCTGACTGAGAAAAAGCCTCACGTAGACAAAAAGAAATTCCTTTAGTTATT
 TGGTTGGGGACTCTGGGAAGAAAAAGTTGGTGAACACCAGGTGGTGCACAAAACCCAGGAGGAAGAGGA
 AACAGCTGTGCCACAAGTCAAGGAAGTGGCACACCCTGTCTGACCTTATGTTTGGCCTCTCCCTCAAAG
 TCACTAGAGATGAGTCATGATGAGCATAAAAAGCATTACATACAAATTTGAGTATTTCAACAGGAGTCA
 CCAAATTAAGAAAACAGAAGAAAAAGAAACACAGAAGCTTGACACAGAGAAGAACTAACATCCAAAGAAGC
 AGACTTAACAGAGGAAAACAGAAGAAAATTTGAGAAGTAGTGTGATTAATAGCATCAGAGAGATAAAAGAG
 GAGATTGGAAATTTGAAAAGTTCCCATTCAGGTGTCTTGAAATTTGAAAATTCAGTAGATGATCTGAGTA
 GCAGAAATGGACATACTTGAAAGAAAGATAGACAGTCTAGAAGATCAAAATGAAGAATTCCTAAGGATAC
 AATGCAAAATGACCAACAGATAATTAGTAAAGAAAGGCAAGAGATATAGAGGAGAGATCTAGAAGTTGC
 AACATTCGTTTGATAGGAATTCAGAAAAGGAGAGTTATGAGAATAGGGCAGAGGACATAATTAAGAAA
 TAATTGATGAAAATTTGCAGAACTAAAGAAAGGTTCAAGTCTTGAGATTGTGAGTCTTGTGAGTACC
 TAGTAAAATTGATGAAAAGAGACTGACTCCTAGACACATCTTGGTGAATTTTGAATTTCTAGTGATAAA
 GAGAAAATAATAAGGGCTTCTAGAGAGAGAAGAGAAATACCTACCAAGGAACAAGAATCAGGTTGACAG
 CAGACTTATCACTGGACACACTGGATGCTAGAAGTAAATGGAGCAATGTCTTCAAAGTTCTGCTGAAAAA
 AGGCTTTAATCCTAGAATCCTATATCCAGCCAAAATGGCATTGTATTTAGGGGTAAAACAAAGGTATTT
 CTAGTATTGAAGAATTTAGAGATTATGTTTTGCATATGCCACCTTGAGAGAATTACTGGGAATAATA
 TACCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC219014 representing NM_019079
 Red=Cloning site Green=Tags(s)

MSDVSTSVQSKFARLAKKKENITYMKREQLTETDKDIAPVLDLKCKDVSAIMNKFVLMETQDLMEEMR
 ETLNKDLKAVLGKATIPVKNSENSSRTEFQQIINLALQKTGMVGKIEGENSKIIGDDNENLTFKLEVN
 ELSGKLDNTNEYSNDGKKLPQGESRSYEVMGSMETLCNIDDRDGNRNHLEFTERESRKDGEDEFVKE
 MREERKFQKLKNKEEVKASREEKVLMDGAVLTLVADLSSATLDISKQWSNVFNILRENDFEPKFLCEV
 KLAFAKCDGEIKTFSDLQSLRKFAQKSSVKELLKDVLPQKEEINQGGKRYGIQEKRDKTLIDSKHRAGEI
 TSDGLSFLFLKEVKVAKPEEMKNLETQEEFSELEELDEEASGMEDDEDTSGLEEEEEPSGLEEEEEEE
 ASGLEEDEASGLEEEEEQTSQDSTFQGHVLDAKHEVEITSDGMETTFIDSVEDSEEEEEEGKSETG
 KVKTSSLTEKKASRRQKEIPFSYLVGDSGKKLVKHQVVHKTQEEETAVPTSQGTGTPCLTLCLASPSK
 SLEMSHDEHKKHSHTNLSISTGVTKLKKTEKKHRTLHTEELTSKADLTEETEENLRSSVINSIREIKE
 EIGNLKSSHSGVLEIENSVDLSSRMDILEERIDSLEDQIEEFSKDTMQMTKQIIISKERQDIEERSRSC
 NIRLIGIPEKESYENRAEDIKEIIDENFAELKKGSSLEIVSACRVPSKIDEKRLTPRHILVKFWNSSDK
 EKIIIRASRRREITYQGTRIRLTADLSLDTLDARSKWSNVFKVLLEKGFNPRILYPAKMAFDGRGKTQVF
 LSIEEFRDYVLHMPTLRELLGNIP

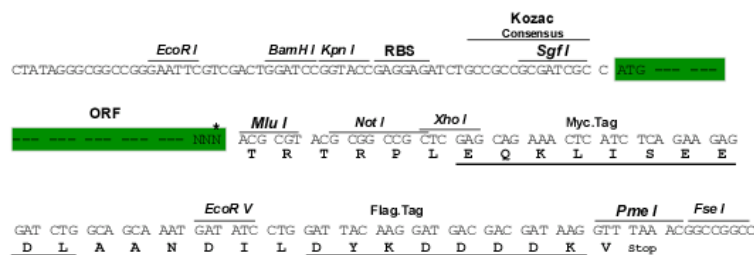
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8022_f10.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

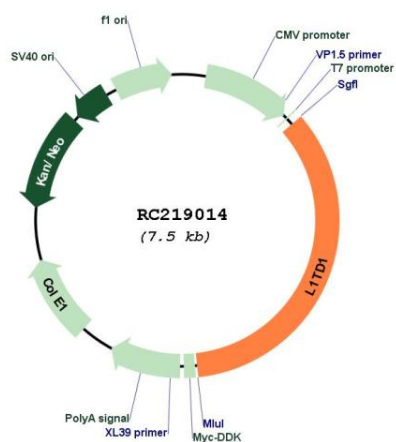
Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN:	NM_019079
ORF Size:	2595 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_019079.5
RefSeq Size:	3095 bp
RefSeq ORF:	2598 bp
Locus ID:	54596
UniProt ID:	Q5T7N2
Cytogenetics:	1p31.3
Domains:	Transposase_22
MW:	98.7 kDa

Product images:



Circular map for RC219014