

Product datasheet for **RR211577**

Tle2 (NM_001039013) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tle2 (NM_001039013) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tle2
Synonyms:	MGC124808
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>RR211577 representing NM_001039013
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTACCCCCAGGAAGGCACCCGACCCCGCTGCAGTCTGGCCAGCCTTTCAAGTTCTCAGTCTCGGAAA
 TCTGTGACCGGATCAAAGAGGAATTTAGTTTCTCCAAGCTCAATACCACAGCCTTAAGCTAGAGTGTGA
 GAAGCTGGCCAGCGAGAAGACAGAAATGCAAAGGCATTATGTGATGTACTATGAGATGTCCTACGGACTC
 AACATTGAGATGCACAAACAGGCTGAGATCGTGAAGCGCCTCAGTGAATCTGTGCCAGATGGTCCCAT
 TCCTCACTCAGGAGCATCAGCAGCAGGTGCTCCAGGCTGTGGACCGAGCCAAGCAGGTGACCGTGGGGGA
 ACTGAACAACCTTTGGGGCAGCAGAATCAGCTCCAGCCGCTGTCCATGCACCCCTGTGCCTCTACC
 CCACGCCAGCTGGCCTGGTGGGTGCCGGGGCCACTGGGCTGTGGCCCTCTCTGGGGCGCTGGCTGCGC
 AGGCCAGCTGGTGGCTGCTGTTAAGGAAGACCGTGTGGGTGTGGACCCGAGGGGTCCAGAGTGGACAG
 AGCTGCCAGCAGGAGTTCATCCCTCACCCTGAGAGTCTGGCGGAAGAGGAGCATCCTAGCAGCCGA
 GGAGTAACGGGAAGCAGCAGAGAGCCGAAGACAAGAATATGTCAGGGCCTTATGACAGTGAAGGAGACA
 AGAGTGACTATAACCTGGTAGTGGATGAGGACCAACCGTCAGAGCCCCAGCCCTGCGACCAACCCCTG
 TGGGAAGGCGCCCTCTGCATCCCTGCCCGCAGGGACCTCACGGACAGTCCAGCCTCCCTGGCTTCCAGC
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 GGTGATGTGGTCCCTCTCACCCAGGACTCGTCCACCCAGGGCCAGCTCAGCCAGTCACTCTGCCA
 GCTGGCTACTCAGCCGGCACCGCCACAGACAGCATTGCCCTGAGGAGTCCCCTGACCCTGTCCAGCCCT
 TTCCTCGTCTTCCAGCTGGGCTCCACAGCACCCTCAATGGGGACCTCTCCATGCCTGGCTCCTATG
 TCAGCCTCACCTGTCCCCCAGATGCAACCGGTGCCCTTCCATCGGATGCACTGGTAGGCACTGGCAT
 CCCTCGCCACGCGAGGCAGCTGCACACTGGCCCATGGTGAGGTGGTGTGTGCCGTACCATCAGCAGC
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 CGGGCAGAGCCTGATCGTGGGTGGCGAGGCCAGTACCCTGTCCATTTGGGACCTGGCAGCACCCACACCA
 CGCATCAAAGCAGAGCTGACCTCGTCCGCCCCCGCTGTACGCGCTGGCCATCAGCCGGATGCCAAGG
 TCTGCTTCTCCTGCTGCAGCGACGGTAACATCGTGGTCTGGGACCTGCAGAACAGGCCATGGTCAGACA
 GTTCCAGGGCCACACGGACGGGGCCAGCTGCATTGACATATCAGACTACGGGACCCGGCTGTGGACTGGG
 GGCTGGACAACACCGTGCCTGCTGGGATCTGCGCGAGGGCCGACGCTGCAGCAACATGACTTCAGTT
 CCCAGATCTTCTCGTTGGCCACTGTCCAGTCAAGGACTGGCTGGCCGTGGGGATGGAAAGCAGCCACGT
 GGAGGTCCTGCATGTGCCAAGCCTGAGAAGTACCAGCTCCGCCTGCATGAGAGCTGCGTGTGTGCTC
 AAGTTCGTTCTCCTGCGGACGCTGGTTTGTGAGCACAGGCAAGGATAACCTGCTCAATGCCTGGAGGACAC
 CCTATGGGGCCAGCATTTCCAGTCAAAGAGTCTTCTTGTGTTGAGCTGCGACATCTCCAGGAACAA
 CAAGTACATTGTGACAGGCTCAGGGGACAAGAAGGCCACTGTGTATGAGGTGGTGTAC

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR211577 representing NM_001039013
Red=Cloning site Green=Tags(s)

MYPQGRHPTPLQSGQPFKFSVLEICDRIKEEFQFLQAQYHSLKLECEKLAASEKTEMQRHYVMMYEMSYGL
 NIEMHKQAEIVKRLSAICAQMPFLTQEHQQVQLQAVDRAKQVTGELNNLLGQQNQLQPLSHAPPVPLT
 PRPAGLVGAGATGLLLALSGALAAQAQLVAAVKEDRVGVDEGSRVDRAASRSSSPSPPELAEHEHPSSR
 GSNGKQQRRAEDKNMSGPYDSEEDKSDYNLVVDEDPSEPPSPATTPCGKAPLCIPARRDLTDSPASLASS
 LGSPLPRSKDLALNDLSTGTPASGSCGPSPPQDSSTPGPSSASHLCQLATQPAPPTDSIALRSPLTLSSP
 FTSSFSLGSSTLNGDLSMPGSYVSLHLS PQMQPVPFSDALVGTGIPRHARQLHTLAHGEVVCVAVTISS
 STQHVVYTGKGCYKVDVQPGSKTPVAQLDCLNRDNYIRSKLLPDGQSLIVGGEASTLSIWDLAAPT
 RIKAELTSSAPACYALAI SPDAKVCFCSSDGNIVVWDLQNQAMVRQFQGHDTGASCIDISDYGTRLWTG
 GLDNTVRCWDLREGRQLQHDFSSQIFSLGHCPSQDWLAVGMESSHVEVLHVRKPEKYQLRLHESCVLSL
 KFASCGRWFVSTGKDNLLNAWRTPYGASIFQSKESSSVLSCDISRNKYIVTGSGDKKATVYEVVY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001039013

ORF Size: 2088 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.

RefSeq: [NM_001039013.1](#), [NP_001034102.1](#)

RefSeq Size: 2431 bp

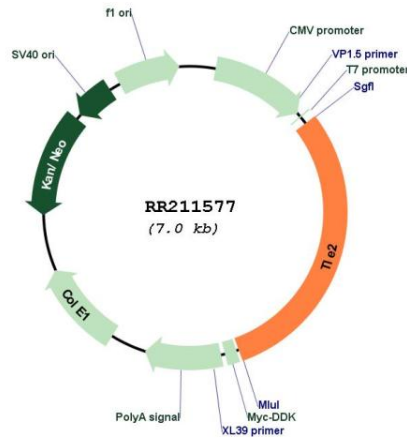
RefSeq ORF: 2091 bp

Locus ID: 299636

Cytogenetics: 7q11

MW: 75.1 kDa

Product images:



Circular map for RR211577