

Product datasheet for **RC212300**

TTC7B (NM_001010854) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTC7B (NM_001010854) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TTC7B
Synonyms:	c14_5685; TTC7L1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide
Sequence:

>RC212300 representing NM_001010854
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGACCAAGAAGGCAGGCTCGCGGCTGGAGACGGAGATCGAGCGCTGCCGCTCCGAGTGCCAGTGGG
AGCGGATCCCTGAGCTCGTCAAGCAGCTGTCGGCCAAGCTCATCGCCAACGATGACATGGCAGAGCTTCT
CCTCGGGGAGTCGAAGCTGGAGCAGTACCTGAAGGAACACCCCTGAGGCAGGGGGCCAGTCCCCGAGGC
CCCAAGCCCCAGCTGACTGAGGTCCGCAAGCATCTGACCGCCGCCCTGGACCGAGGGAACCTTAAGTCAG
AATTCTACAAGAATCCAATCTGATCATGGCCAAGTTGAATTATGTGGAAGGTGATTATAAAGAAGCTCT
GAACATTTACGCCCGGTGGGCTGGACGATCTGCCACTGACAGCTGTCCCGCCCTACAGGCTGCGGGTG
ATCGCAGAAGCCTACGCTACCAAAGGACTTTGTTTGGAGAAGTGCCTATTTCTTCTTACCAGTAATC
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GATCAAGAACTAGGTTTTTCTAGAAAACAGGACTTCAGAGAGCCCATGTCTCTATTTCAAAAAATGGGA
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CCTCTGGAGGATCCACCGTGCCAGTCACCTCTGGACGATCCTCTCCGCAAAGGAGCAAACACAAAAACCT
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AGCCCTGTTGTTATTGCTGATTAGTGAATCAATGGCCAACCGGACGCTGTGTGAGCAGGATACCTGAA
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GAAGAAGAGGCCAGTATGAGATGCTGTGAGAGTGCCTAGAAAGAGCCATGAAGTTTGGCCTTTGAGGAAT
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GTTCAAGGCCAAAGGCTACTTAGCTCTGGGGCTCACGTACAGTCTGCAGGCCACTGACGCTTCTTTGCGA
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ATCACCAAGCAGCTTTCTACCTGGCTCTGCAGCTTGCATCTCCAGACAGATCCAGAGGCTCTGGGGTA
TGTCCGCCAAGCTCTTACGTTCAAGGTGACGATGCCAACTCCCTGCACCTCCTTGCCCTCCTGTGTCA
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CGCGTGCTC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC212300 representing NM_001010854
Red=Cloning site Green=Tags(s)

MATKKAGSRLETEIERCRSECQWERIPELVKQLSAKLIANDDMAELLLGESKLEQYLKEHPLRQGASPRG
PKPQLTEVRKHLTAALDRGNLKSEFLQESNLIAMKLNVEGDYKEALNIYARVGLDDLPLTAVPPYRLRV
IAEAYATKGLCLEKLPISSTSNLHVDREQDVITCYEKAGDIALLYLQEIERVILSNIQNRSPKPGPAPH
DQELGFFLETGLQRAHVLYFKNGNLTRGVGRFRELLRAVETRTTQNLRMTIARQLAEILLRGMCEQSYWN
PLEDPPCQSPLDPLRKGANTKTYTLRRARVYSGENIFCPQENTEEALLLLISESMANRDAVLSRIPE
HKSDRLISLQSASVVYDLLTIALGRRGQYEMLSECLERAMKFAFEEFHLWYQFALSMAAGKSARAVKVL
KECIRLKPDDATIPLLAAKLCMGSLHWLEEA EKFAKT VVDVGEKTSEFKAKGYLALGLTYSLQATDASLR
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LLDRTIADRRQLNTITLPDFSDPETGSVHATSVAAASRVEQALSEVASSLQSSAPKQGPLHPWMTLAQIWL
HAAEVYIGIGKPAEATACTQEAANLFPMSHNVLYMRGQIAELRGMDEARRWYEEALAI SPTHVKS MQR
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RVL

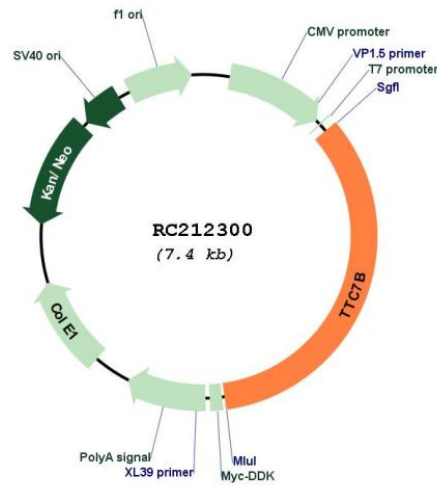
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_001010854
ORF Size:	2529 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.
RefSeq:	NM_001010854.2
RefSeq Size:	3443 bp
RefSeq ORF:	2532 bp
Locus ID:	145567
MW:	94 kDa