

Product datasheet for **RC230835**

TRIM49C (NM_001195234) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM49C (NM_001195234) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TRIM49C
Synonyms:	TRIM49L2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC230835 representing NM_001195234
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAATTCCTGGAATCTTACAGGTCTTTACAGGGGAACATCTGCCCCCTGTGCATGAACACTTTCATAG
 ACCCGGTCAACATAGACTGTGGGCACAGCTTTTCAGGCCTTGTTTCTACCTCAACTGGCAAGACATCCC
 ATTTCTTGTCAGTGTCTGAATGCACAAAGTCAACAGAGCAGATAAACCTCAAAACCAACATTCATTTG
 AAGAAGATGGCTTCTCTTGCCAGAAAAGTCAGTCTCTGGCTATTCCTGAGCTCTGAGGAGCAATGTGTG
 GCACTCACAGGGAGACAAAGAAGATATTCTGTGAAGTGGACAGGAGCCTGCTCTGTTTGTGTGCTCCAG
 CTCTCAGGAGCACCGGTATCACAGACACCGTCCCATTGAGTGGGCTGCTGAGGAACACCGGGAGAAGCTT
 TTACAGAAAATGCAGTCTTTGTGGGAAAAGCTTGTGAAAATCACAGAAACCTGAATGTGGAACACCA
 GAACCAGATGCTGGAAGGATTATGTGAATTTAAGGCTAGAAGCAATTAGAGCTGAGTATCAGAAGATGCC
 TGCATTTTCATCATGAAGAAGAAAACATAATTTGGAGATGCTGAAAAAGAGGGGAAAGAAATTTTCAT
 CGACTTCATTTAAGTAAAGCCAAAATGGCTCATAGGATGGAGATTTTAAGAGGAATGTATGAGGAGCTGA
 ACGAAATGTGCCATAAACAGATGTGGAGCTACTTCAGGCTTTTGGAGACATATTACACAGGAGTGAGTC
 CGTGCTGCTGCACATGCCCCAGCCTCTGAATCCAGAGCTCAGTGCAGGGCCCATCACTGGACTGAGGGAC
 AGGCTCAACCAATTCCGAGTGCATATTACTCTGCATCATGAAGAAGCCAAACAGTGATATCTTTCTGTATG
 AAATTTTGAGAAGCATGTGTATTGGATGTGACCATCAAGATGTACCCTATTTCACTGCAACACCTAGAAG
 TTTTCTTGCAATGAGGCTGTTTCTGAGCTTTCACCTCGGGCAATATTACTGGGAGTCCATGTAGGGGACTCC
 TGAATTTGGGCTTTTGGTGTCTGTAATATGTATCGGAAGGAGAAGAATCAGAATGAGAAGATAGATGGAA
 AGGAGGACTCTTTCTTCTTGGGTGTTAAGAATGACATTCAATGCAGTCTCTTTACCACCTCCCCACT
 TATGCTGCAATATATCCCAAACCTACCAGCCGAGTAGGATTATTCTTGATTGTGAGGCTAAGACTGTG
 AGCTTTGTTGATGTTAATCAAAGCTCCCTAATATACACCATCCCTAATTGCTCTTTCTCACCTCCTCTCA
 GGCCTATCTTTGCTGTATTCATTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC230835 representing NM_001195234
 Red=Cloning site Green=Tags(s)

MNSGILQVFQELICPLCMNYFIDPVTIDCGHSFCRPFYLNWQDIPFLVQCSECTKSTEQINLKTNIHL
 KKMASLARKVSLWFLSSEEQMCGTHRETKKIFCEVDRSLCLLCSSSQEHRYHRHPIEWAAEEHREKL
 LQKMQSLWEKACENHRNLNVETTRTRCWKDYVNLRLAIRAQYQKMPAFHHEEEKHNLEMLKKKGKEIFH
 RLHL SKAKMAHRMEILRGMYEELNEMCHKPDVELLQAFGDILHRSESVLLHMPQLNPESAGPITGLRD
 RLNQFRVHITLHHEEANSIDFLYEILRSMCIGCDHQDVPYFTATPRSFLAWGVQFTSGKYWEVHVGD
 WNWAFGVCNMYRKEKNQNEKIDGKEGLFLLGCIKNDIQCSLFTTSPLMLQYIPKPTSRVGLFLDCEAKTV
 SFVDVNQSSLIYTIPNCSFSPPLRPIFCCIHF

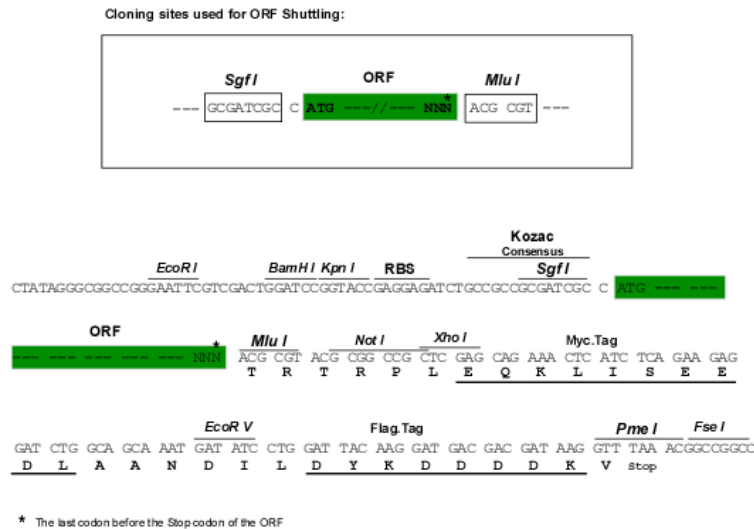
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8109_h02.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001195234

ORF Size: 1356 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_001195234.1](#), [NP_001182163.1](#)

RefSeq ORF: 1359 bp

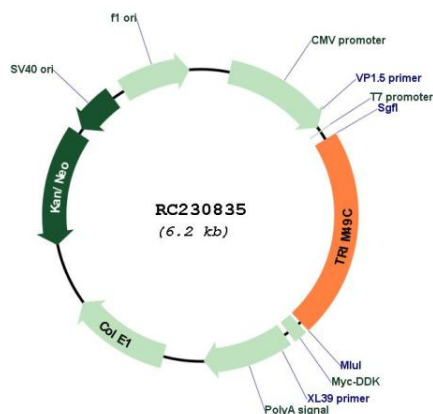
Locus ID: 642612

UniProt ID: [P0C126](#)

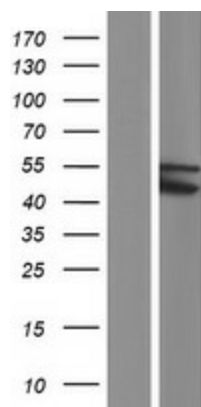
Cytogenetics: 11q14.3

MW: 53.4 kDa

Product images:



Circular map for RC230835



Western blot validation of overexpression lysate (Cat# [LY433834]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC230835 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).