

Product datasheet for **RC228363**

Tripartite motif containing protein 77 (TRIM77) (NM_001146162) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Tripartite motif containing protein 77
Synonyms:	TRIM77P
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



ORF Nucleotide Sequence: >RC228363 representing NM_001146162
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCTTCTGCTATCACGCAGTGTCTACCACTGAGCTCACCTGCTCGATCTGCACAGACTATTTGACAG
 ACCCTGTCACCATTTGTTGTGGGCACAGATTTTGTAGTCCCTGCTCTGCCTCTTGTGGGAAGATACACT
 AACTCCTAATTGCTGCCCTGTGTGCAGGGAATATCACAGCAATGTAATCAAACGCATTATTTTGTCT
 GAGAAACAAGTTATTCTACAAGAGAATCAGTCCCCTGCCAGTTATCAAGCTCTGCCATGCTGATCTGTA
 GGAGACACCAAGGAAATCAAGAACCTCATCTGTGAACTGATAGGAGCCTGCTGTGTTTTCTATGCTCTCA
 ATCCCCAAGGCATGCTACTCACAACACTATATGACAAGGGAGGCTGATGAATACTATAGGAAGAAACTC
 CTGATTCAAATGAAGTCCATCTGGAACAAAAACAGAAAAATCAAAGAAATCTAAACAGAGAGACCAACA
 TAATCGGAACATGGGAAGTTTTTATAAATTTGCGGAGCATGATGATCAGTGCTGAATATCCTAAGGTGTG
 TCAATACCTCCGTGAAGAAGAGCAAAAGCACGTAGAGAGCCTGGCAAGAGAAGGCAGGATAATTTTTCAG
 CAACTCAAGAGAAGTCAAAGTGAATGGCTAAGATGGGTATACTCCTGAGAGAAATGTATGAGAACTGA
 AGGAAATGAGCTGTAAAGCAGATGTGAACCTGCCTCAGGATTTGGGAGAGCCTAATGAAAAGGAATGAGTT
 TCTGAGGCTGGCCATGCCTCAGCCTGTGAACCCACAGCTCAGTGATGGACCATCACTGGGGTGTGAGAA
 AGGCTTAACCTTCTCAGAGTGTATACACCTGGATCGTAAGATATGCAGTAATCACAAGCTTCTGTTCG
 AAGACCTAAGGCATTTGCAGTGCAGCCTTGATGATACAGACATGCTCTGAATCCAACAAGTACACAGTA
 TACTTCTTCATGGGAGCTCAGATCCTCAGCTCTGGCAACATTACTGGGAGGTGGATGTGAAAGACTCT
 TGTAATTGGGTTATAGGACTTTGCAGAGAAGCCTGGACAAAGAGGAATGACATGCGACTTGACTCTGAGG
 GTATCTTTCTACTCTGTCTCAAAGTGATGACCATTTTCTCTCTCTACCTCCCCACTGTTACC
 TCACTATATCCAAGGCCCAAGGCTGGCTAGGGGTGTTCTGGATTATGAATGTGGGATAGTGAGCTTT
 GTTAATGTTGCCAAAGTTCCCTCATTTGTAGTTTCTCTCACGCATCTTCTATTTTCTCTCAGACCTT
 TCATTTGCCACGGATCTAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC228363 representing NM_001146162
 Red=Cloning site Green=Tags(s)

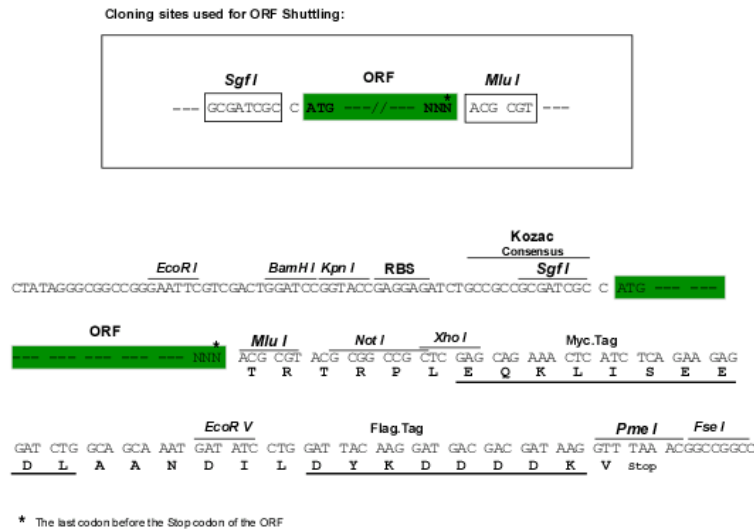
MASAITQCSTSELTCSICTDYLTDPTVTCGHRFCSPCLLLWEDTLTPNCCPVCREISQQMYFKRIIFA
 EKQVIPTRESVPCQLSSAMLCRRHQEIKNLICETDRSLLCFLCSQSPRHATHKHYMTREADEYYRKKL
 LIQMKSIWKKKQKNQRLNRETNIIIGTWEIFINLRSMMSIAEYPKVCQYLREEEQKHVESLAREGRIIFQ
 QLKRSQTRMAKMGILLREMYEKLKEMSCKADVNLQDLGDVMKRNEFLRLAMPQPVNPQLSAWTITGVSE
 RLNFFRVYITLDRKICSNHKLFLFEDLRHLQCSLDDTDMSCNPTSTQYTSWGAQILSSGKHVWEVDKDS
 CNWVIGLCREAWTKRNDMLDSEGIFLLCLKVDDHFSLFSTSPLLPHYIPRQGWLGVLFDYECGIVSF
 VNVAQSSLICSFSLRIFYFPLRPFICHGSK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8039_b01.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001146162

ORF Size: 1350 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.

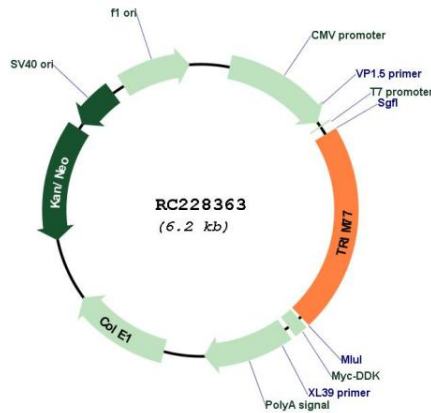
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001146162.1](#), [NP_001139634.1](#)

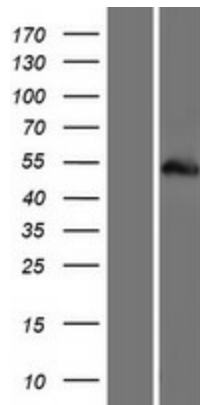
RefSeq ORF: 1353 bp

Locus ID: 390231
UniProt ID: [I1YAP6](#)
Cytogenetics: 11q14.3
MW: 52.3 kDa

Product images:



Circular map for RC228363



Western blot validation of overexpression lysate (Cat# [LY431391]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from un-transfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC228363 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).