

## Product datasheet for **RC218773**

### TRIM73 (NM\_198924) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TRIM73 (NM\_198924) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** TRIM73  
**Synonyms:** TRIM50B  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC218773 representing NM\_198924  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTTGGCAGGTGAGCCTGCTGGAGCTGGAGGACCGGCTTCAGTGTCCCATCTGCCTGGAGGTCTTCA  
AGGAGTCCCTAATGCTACAGTGC GGCCACTCTACTGCAAGGGCTGCCTGGTTCCCTGTCTACCACT  
GGACACCAAGGTGCGCTGCCCATGTGCTGGCAGGTGGTGGACGGCAGCAGCTCCTTGCCCAACGTCTCC  
CTGGCCTGGGTGATCGAAGCCCTGAGGCTCCCTGGGACCCAGAGCCCAAGGTCTGCGTGCACCACCGGA  
ACCCGCTCAGCCTTTTCTGCGAGAAGGACCAGGAGCTCATCTGTGCCTCTGCGGTCTGTGGGCTCCCA  
CCAACACCACCCGGTACGCCCTCTCCACCGTCTGCAGCCGCATGAAGGAGGAGCTCGCAGCCCTTTC  
TCTGAGCTGAAGCAGGAGCAGAAGAAGGTGGATGAGCTCATCGCCAAACTGGTGA AAAACCGGACCCGAA  
TCGTCAATGAGTCGGATGTCTTCAGCTGGGTGATCCGCCGCGAGTTCAGGAGCTGCGCCACCCGGTGG  
CGAGGAGAAGGCCGCTGCCTGGAGGGGATAGGGGTCACACCCGTGGCCTGGTGGCCTCCCTGGACATG  
CAGCTGGAGCAGGCCAGGGAACCCGGGAGCGGCTGGCCCAAGCCGAGTGTGTCTGGAACAGTTCCGGCA  
ATGAGGACCACCATGAGTTCATCTGGAAGTCCACTCCATGGCCTCCAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC218773 representing NM\_198924  
Red=Cloning site Green=Tags(s)

MAWQVSLLELEDRLQCPICLEVFKEESMLQCGHSYCKGCLVLSYHLDTKVRCPMCWQVVVDGSSSLPNVS  
 LAWVIEALRLPGDPEPKVCVHHRNPLSLFCEKDQELICGLCGLLGSQHHPVTPVSTVCSRMEELALF  
 SELKQEQQKVDLAKLVKNRTRIVNESDVF SWVIRREFQELRHPVDEEKARCLEIGGHTRGLVASLDM  
 QLEQAQGTRERLAQAEVLEQFGNEDHHEFIWKFHSMASR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja1516\\_h07.zip](https://cdn.origene.com/chromatograms/ja1516_h07.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\_198924

**ORF Size:** 750 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\\_198924.2](#), [NP\\_944606.2](#)

**RefSeq Size:** 1351 bp

**RefSeq ORF:** 753 bp

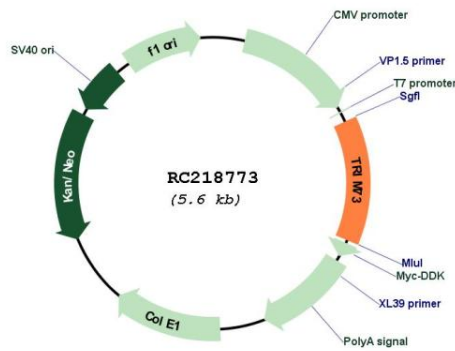
**Locus ID:** 375593

**UniProt ID:** [Q86UV7](#)

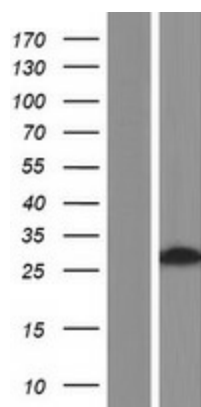
**Cytogenetics:** 7q11.23

**MW:** 28.3 kDa

**Product images:**



Circular map for RC218773



Western blot validation of overexpression lysate (Cat# [LY404647]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC218773 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).