

Product datasheet for **RR216772**

Trim58 (NM_001191641) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim58 (NM_001191641) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Trim58
Synonyms:	RGD1566174
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR216772 representing NM_001191641
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCACAGCACCCGGGAGCGGCTGCAGGAGGAGGCACGGTGTCTCAGTGTGCCTGGACTTCTGCAGG
 AGCCCATCAGCGTTGACTGTGGTCACAGCTTCTGTCTGCGGTGCATATCTGAGCTCTGCGAGAAATCGGA
 CAGCGCTCAGGGAGTCTATGCTTGTCCCAAGTGCAGGGTCCCTTCAGGCCCTCCAGCTTCAAGCCAAAC
 CGGCAGCTGGCCAGCCTGGTGGACACCGTGCAGGAGTGGGGCTGGGCACCGGACACCGGGGTCGCGTC
 AGTGTTCGAGGCACGGTGAAGACCTGAGCCACTTCTGTGAAGAGGACCAAGCGATGGTGTCTGGTCTG
 CGACACCAGCCCTGAGCACCGGAGCCACCGACTGAGCCGCTGCAGGAGGCAGCCAGCCGCTACCAGAGG
 ATGCTCCAAGTGGCTTTGGAACCTGTGAAGAAGGAAATGGAGGAGGCTCTGACCCAGGAGGCCAACGTGG
 GAAAGAAGACCATCATCTGGAAGGAGAAAGTGGAGATGCAGAGACAACGTTTCAGGCTGGAGTTTGAGAA
 ACACCGGGGCTTTCTGGCCAGGAGGAGCAGCTGCAGCTGAGGCGACTGGAAGAGGAGGAGCGAGCAACC
 CTGCAGAGACTGCGTGACAGTAGGAACAGGCTGGCCCAACAGAACAAGCCCTGAAGGAACCTGGCTGAAG
 AGCTGGAGGAGATGAGTCAGAGGCCAGCGGTAGCACTGCTGGAGGGAGCGAGAGGAGTCTTGACGCGAAG
 CGAAGCTATGACCAGGCTGGAACCAGAGGCTGTCCCTATGGAGCTGAAGACCGTGTGCCGCATCCCTGGG
 ATGAGGGAGATGCTGAGGAAGTCCAAGTGGACGTGAAACTCGATCCCGCCACTGCCACCCAAGCTTGC
 TCTTAACGACGGATCTGCGCAGTGTGCAGGATGCGGAGGTCTGGAGGGATGTCCCGAGCAACCCTGAGCG
 CTTTGACACCTGGCCCTGCATCCTGGCCCTGCAGGGCTTCTCCTCCGGGAGGCATTAAGGGAAGTCATC
 GTGGGGGAAAGAGCAGAGTGGGGCTAGGGTCTGCCAAGACTCAGTGTCTAGAAAAGGGGAGACCACAC
 CGTCCCCAGAGAATGGTGTCTGGCCATGTGGCTCCTGAGGGGAGCGAGTACATGGTCTGTCTCTCC
 CTGCGTGCCTGTGTTCCAAGATGAGCGACCTCGTCGCATCGGGATCTTTTGGACTACGAAGCCGGCCAA
 ATCTCCTTCTACAATGTCAAAATGGGTCTTACATCTACACATTTAACCATCTTCTCCTGGTGTCTCA
 GGCCCTATTTCTCGTCTGTGACACAACCTCTTATCTTGCCACCCATGACAGAAGCAGGACCTGGAAA
 CTGGACTCCAGGGTCTCCTTGATTTGCTGTTGCTGCCAGAAGTGAGGAATAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR216772 representing NM_001191641
 Red=Cloning site Green=Tags(s)

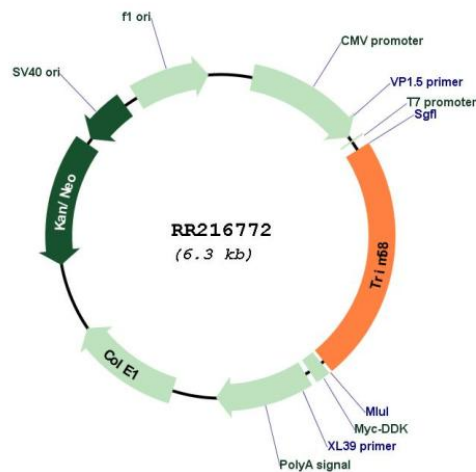
MATAPGERLQEEARCSVCLDFLQEPISVDCGHSFCLRCISELCEKSDSAQGVYACPQCRGPFPPSSFRPN
 RQLASLVDTVRQLGLGTGHAGSRQCSRHGEDLSHFCEEDQAMVCWVCDTSPEHRSHRTEPLQEASRYQR
 MLQVALELVKKEMEEALTQEANVGKKTIIWKEKQVEMQRFRLEFEKHRGFLAQEEQLQLRRLLEEEERAT
 LQRLRDSRNRLAQQNKALKELAELEEMSQRPAVALLEGARGVLRSEAMTRLEPEAVPMELKTVCRIPG
 MREMLRKFQVDVKLDPATAHPSLLLLTTDLRSVQDAEVWRDVPSPNPERFDTWPCILGLQGFSSGRHYWEVI
 VGERAEWGLGVCQDSVLRKGETTPSPENGVWAMWLLRGSEYMLVSSPSVPVFQDERPRRIGIFLDYEAGQ
 ISFYNYNTNGSYIYTFNHLFSGVLRPYFFVCDTTPILPMPTEAGPGNWTSRGLLDFAVAARSEEY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Plasmid Map:


ACCN: NM_001191641

ORF Size: 1455 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_001191641.1](#), [NP_001178570.1](#)

RefSeq Size: 1458 bp

RefSeq ORF: 1458 bp

Locus ID: 303167

Cytogenetics: 10q22

MW: 55.3 kDa