

Product datasheet for **RR216775**

Trim34 (NM_001276491) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim34 (NM_001276491) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Trim34
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR216775 representing NM_001276491
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCTCAACAGATCAGACAGATGTACAGAAGGAGGCCACTTGCCTGTCTGCCACGTGCTTTTGATAA
 AACCCCTTGAATCTAGGCTCTGGCCACCATGTATCCCAAGCCTGCCTCACCGTGAAGAAGACTGCAGTGAC
 CAACCCAGAGGGAAAAGCCTCTGTCTATGTGTGGCAATAGATTCTCATTGAAAATCTACAGGCTAAT
 AAGCATCTGGCAGATGTAGTAGAGACTCAGGGAAGTCAAGTTGAGCCCTGACATTGGGAAAAGGGAG
 ATCTCTGCGTACACCATGGAGAGAACTCCTTCTCTTGTCAAGAGGACAAGAAGGTCAATTTGCTGGGT
 TTGTGAGCGTTCTCAGGAGCATCGTGGTACCACACCTTCTCCGGGACGAAGCAGTCAGGGAATGTCAG
 GAGAATCTCCAGGAAGCTCTCAAGAGGCTGAGGAAGGAGCAGGAGAAGGTGGAGACATTTGAAGCTGACA
 TCAAAGAAGACAGAATTTCTGGAAGCACCAGATCCAGACCGAGAGACAAAGGATCCAAACAGGCTATAA
 TCAACTTAGAAGAATCCTGGACAAGGAGGAACAGAACGAGCTGAAAAGACTCAGGGAAGAGGAGCAGATG
 ATACTAGACAGCCTGGCAGGGGCAGAGGCTGAGCTGGCTCAGCAGAGCCAGTTGGTGGAGGAACTCATCT
 CGGATCTAGAGCGTCCGGTGTGAGTGGTCAGACACAGAGCTGCTGCAGGATGTAAGCGGTATCTTGAATG
 GAGTCAGATCTGGACACTAAAGAAGCCAAAAGCAGTTTCTAAGAACTGAAGATGGTATTCGAAGCTCCT
 GATCTAAGTGGCATGCTACAAAAGTTTAGAGAGCTAACAGCTGTCCGGCCCTACTGGGCGGACTTACCGT
 TTAATCCAGAAAACCTAAATTTGAATCTCATTCTTTCAGAAGATCATAGACAAGTACATCTGTGCCCAT
 TTGGCCCTTAAAGTGTGTAATAATGGTATCTTGGGCTCCAAATGTTTCTGTGAGGAAAACATTACTGG
 GAAGTGGATGTGTCTGAAAAGAATGCCTGGACCCTGGGAGTTACTCTAGAAAACGTACTTTGAAGTTTG
 ATGTTAGACGATGCAGCAAAAAGTCAGCCAAATGGTTACCACAGATACAAAACCTCAGAATGGCTACTGGGT
 TATAGGGTTACAGGATGGATCAAAGTATAGTATCTTTGAGGATTCTTCCAAGTGTGGCCCTACAGTCTG
 AACCCCTTTGTGGCCACCCCTCTCCATCGGATTGGGGTTTTCTTACTGTGAAGAGGGCATAGTGTCTT
 TCTTCAATGTCACAAAACCGGGTCACTCATTTACAAGTTTACCAATGCCGCTTTTCCCAACTGCCTA
 TCCATACTTCAATCCTTGGGACTGCCAGCCCCATGACCCTCTGTCTCGGACGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR216775 representing NM_001276491
 Red=Cloning site Green=Tags(s)

MASTDQTDVQKEATCPVCHVLLIKPLNLGSGHHVSQAQLTVKKTAVTNPRGKSLCPMCGNRFSENLQAN
 KHLADVVERLREVKLSPIGKKGDL CVHHGEKLLLFQEDKVKVICWVCERSQEHRGHHTFLRDEAVRECQ
 ENLQEAALKRLRKEQEKVETFEADIKEDRISWKHQIQTERQRIQTGYNQLRRILDKEEQNELKRLREEEQM
 ILDSLAGEAEALAQSQLVEELISDLERRCEWSDTELLQDVSGILKWSQIWTLLKPKAVSKLKMVFQAP
 DLSGMLQKFRELTAVRAYWADFTFNPENLNLILSEDHRQVTSVPIWPFKCCNNGILGSKCFLSGKH
 YW EVDVSEKNAWTLGVYSRKRTLKFDVRRCSKSPNGYHRYKPNQNGYWVIGLQDGSKYSIFEDSSNCGPTVL
 NPFVATPLHRIGVFLDCEEIVSFFNVTNHGSLIYKFTQCRFSQPAYPYFNPWDCPAPMTLCPRNA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

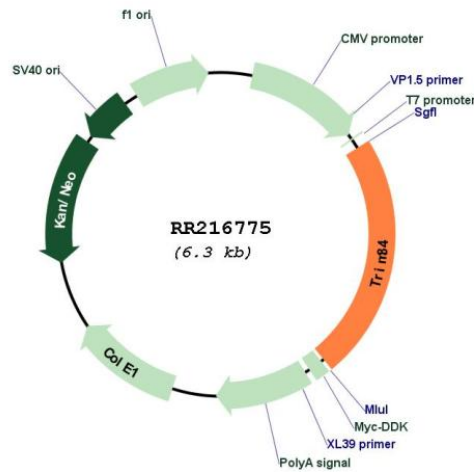
Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



Plasmid Map:



ACCN: NM_001276491

ORF Size: 1458 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_001276491.1](#), [NP_001263420.1](#)

RefSeq Size: 2566 bp

RefSeq ORF: 1461 bp

Locus ID: 101241893

Cytogenetics: 1q32

MW: 56.1 kDa