

Product datasheet for **MR222434**

TrimII (NM_177742) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	TrimII
Synonyms:	4933403D14; BC050188
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence: >MR222434 representing NM_177742
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCCAACCATGAGAAAATGTCCACAACAGATTGATGGAGAACCCTCAGGGAAGAGCTGACCTGTTTCA
 TCTGCTTGGATTATTTACGAGTCCAGTGACCACCGAGTGTGGGCACAGCTTTTGTCTGATGTGCCTCCT
 CAAGAGTTGGGAGGAGCACAACACACCTTTATCTTGTCTGAATGCTGGAGGACTTTGGGAGCCCCACAT
 TTTCAAGCCAACGAGCGGCTGGGAGACTGGCTAATATTGGCAGACAGCTGAGATCGCAGGTGCTGCAGA
 GCGAGGATGAGCAGAGCATCTGTGGGAGAATGCCAGGGCCTAGTTGGGTGTTCTCTGACGATGAGCAGAG
 TGTCAATTAATGTCTCACCTCCAAGTCAAGGGACGAACAAGGCGTGTCTCAAGTGAGGCTGAGGAGCAG
 CACAAAGAAAACTCCAAGATATCATAAATATTTACGAAAAAGAAGAAGGAAGTTTCAGGCCATCCTGA
 ACCATGAGAAGGAACGAGTGATGTTGTGAAGGAGGAGACAAAGACTTGAAGCAGGTGTTGTGTCTGA
 ATACATGAAGATGCACAGTTCCTCAAGGAAGAGGAACAGCTCCAGCTCCAGCTCCTGGAGAGGGAGGAG
 AAGGCCAACATGAAGAAGCTGAGGGAATGAGATCCAGCTGACCCAGCAAAATCCGCCGCTCGGCAAAA
 TGATTGGGCGGATTGAGTCTACCTGTGCAACTTGACGTTAGAATCTTTGAGGAAGTCAAAGGAGCCAT
 GGATCGGTATGAGTCCCTGTTGTTTCACTCTCCAGAGACCACCATCACGGAAGTGAAGCTGTGTCACATC
 ACTGGGATGAGGAGATGCTGCGAAAATTCAGCACAGATATAACTCTAGATCCAGCCACAGCCAATGCTT
 ACCTGCTTTTGTCCGAAGATCTGAAAAGTGTGCGGTATGGAGGGACCAGGCAGCAATTACCTGACAACCC
 AGAGCGATTGATCAGTCTGCAACTGTGTTGGGAGCTCAGATCTTACCTGCGGGAGACACTACTGGGAA
 GTGGAAGTGGGAAAGAAGACGGAGTGGGAAGTGGGATCTGCAAGGACTCTGTGAACAGAAAGGGGAATC
 TCCCCAACCGCCCGGGACCTCTTCTCACTCATAGGCTTAAAAATGGCGACGATTACAGTCTCTGGGT
 TTCATCTCCCTGAAAGGGCAACATGTCCGAGAACCCGTGCATAAAGTTGGTGTGTTCTTGGACTATGAC
 TCTGGACACATAGCCTTCTACAATGCGACAGATGAGTCCCTCATCTACAGCTTCCCTCCGACCCCTTTCC
 ATGAAGCTCTCAGACCTATCTTTCCCTTGTCTTCCGAATGAGGGGACGAATACAGACCCTCTTATCAT
 CTGCCACATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR222434 representing NM_177742
 Red=Cloning site Green=Tags(s)

MSNHEKMSTTDLMENLREELTCFICLDYFSSPVTTTECGHSFCLMCLLKSWEEHNTPLSCPECWRTLGA
 FQANERLGRANIGRQLRSQVLQSEDEQSI CGRMPGPSWVFSDDQSVINVSPPSQGTNKA CFSSEAEQ
 HKEKLQDIINILRKKKKEVQAILNHEKERVMLCKEETKTCKQVVVSEYMKMHQFLKEEQQLQLLEREE
 KANMKKLRENEIQLTQIRRLGKMIGRIESTCQNLTLSEFEEVKGAMDYESLLFQSPETTITELSLCHI
 TGMREMLRKFDITLDPATANAYLLLSEDLKSVRYGGTRQQLPDNPERFDQSATVLGAQIFTCGRHYWE
 VEVGKKEWEVGICKDSVNRKGNLPKPPGDLFSLIGLKIGDDYSLWVSSPLKGQHVREPVHKVGVFLDYD
 SGHIAFYNATDESLIYFPPTPFHEALRPISPLPNEGNTNDPLIICHI

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9082_f10.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_177742

ORF Size: 1410 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.

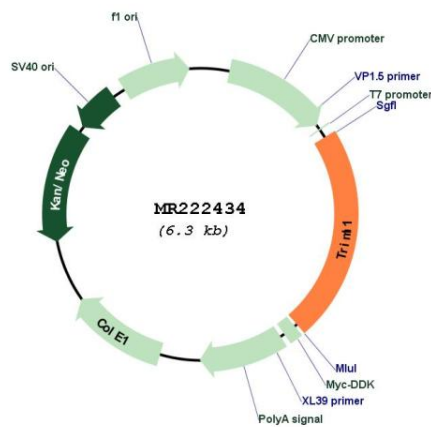
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_177742.4](#), [NP_808410.1](#)

RefSeq Size: 1850 bp

RefSeq ORF:	1413 bp
Locus ID:	244448
UniProt ID:	Q8BVP1
Cytogenetics:	8 A4
MW:	53.8 kDa
Gene Summary:	Probable E3 ubiquitin-protein ligase which plays an important role in blastocyst development. Involved in progression of blastocyst stage and subsequent embryo development. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR222434