

Product datasheet for **RR208860**

Trim32 (NM_001012103) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim32 (NM_001012103) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Trim32
Synonyms:	MGC109467
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide
Sequence:

>RR208860 representing NM_001012103
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTGCGGCTGCAGCAGCGTCTCACCTGAACCTGGATGCCCTCCGGGAAGTGCTAGAATGTCCCATCT
GCATGGAATCCTTCACTGAAGAGCAGCTGCGGCCCAAGCTGCTGCACTGTGGCCATACCATCTGCCGCCA
GTGTCTGGAGAAGCTCCTGGCCAGTAGCATCAATGGTGTCCGCTGTCCCTTTTGAGCAAGATTACTCGC
ATCACCAGCCTGACCCAGCTGACCGACAACCTGACAGTGTGAAGATCATTGACACAGCCGGCCTCAGTG
AGGCCGTGCGGCTGCTCATGTGCCGAGCCTGTGGCAGGCGGCTGCCTCGGCAGTTCTGCCAAGCTGTGG
TTTGGTGTGTGTGAACCCTGCCGAGAGGCAGATCACCAACCTCCTGGCCACTGCACACTCCCTGTCAAG
GAGGCAGCTGAGGAACGTCGGAGGGACTTTGGGAGAAGTTGACTCGTCTAAGGGAACCTTACTGGAGAGC
TGCAAAGGAGGAAGGCAGCTTTAGAGGGTGTCTTAGAGATCTTCAGGCAAGGTATAAGGCTGTTCTTCA
AGAATATGGCCACGAGGAACGCAGGGTCCAGGAAGAGCTAGCCCGCTCTCGGAAGTTCTTACAGGCTCT
TTGGCTGAGGTTGAGAAGTCCAACAGCCAAGTAGTAGAGGAACAGAGCTACCTACTCAACATTGCGGAGG
TGCAGGCCGTGTCTCGCTGTGACTACTTTCTAGCCAAGATCAAGCAAGCTGATGTAGCACTCCTGGAGGA
GACAGCAGATGAGGAGGAGCCAGAGCTCACTGCAAGCCTACCCCGGGAGCTTACCCTGCAAGATGTGGAG
CTTCTTAAAGTAGGACATGTTGGTCTCTGCAAAATGGCCAGGCTGTTAAGAAGCCCCGGACAGTTAACA
TGGAAGATTCTGGGCAGTGGAGGAGGGAGCAGCATCTTCTGCCTCAGCCTCTGTAACTTTAGAGAGAT
GGACATGAGCCCTGAAGAAGTAGTTCACAGCCCTAGGGCTTCACTGCGAAACAGCGGAGTTCTGAGGCA
GCCTCCAGTATCCAACAGTGTCTTTCTCAAGAAGATGGGAGCGAAAGGCAGCACTCCAGGCATGTTCA
ACCTTCCAGTCAGTCTCTATGTGACCAGTCAGAGTGAGGTGCTGGTTGCAGACCGGGCAACTATCGCAT
ACAAGTGTTCAACCGCAAAGGCTTTTTGAAGGAGATCCGCCGCAGCCCCAGTGGCATTGACAGCTTTGTG
CTAAGTTCCTTGGAGCCGACTTGCCCAATCTCACTCCTCTTTCAGTGGCCATGAACTGCCATGGGCTGA
TTGGTGTCACTGACAGCTATGACAACTCCCTTAAAGTCTATACCTTGGATGGCCACTGTGTGGCCTGTCA
CAGGAGCCAGCTGAGCAAACCATGGGGCATCACAGCCCTACCGTCTGGCCAGTTTGTGTGACTGATGTG
GAAGGCGGGAAGCTCTGGTGTTCCTGTGACCAGGAGCTGGAGTAGTCAAATACAGCTGCCTCTGCA
GTGCTGTGAGGCCAAGTTTGTACCTGTGATGCTGAAGGCACAGTCTATTTACCCAAGGCTTGGGTCT
CAATGTGAAAACCGACAGAATGAACACCCTGGAGGGTGGCTTCTCCATCGGCTCTGTGGCCCCGAT
GGGCAGCTGGGCCGACAGATCAGCCACTTCTTCTGAGAATGAAGATTTCCGCTGCATCGCTGGCATGT
GTGTGGATGCTCGGGGTGACCTCATTGTGGCTGATAGCAGCCGCAAGGAAATCCTCCATTTCCCAAGGG
CGGTGGCTACAGCGTCTTATTGAGAGGGCTTACCTGTCCAGTGGGCATCGCCCTCACACCCAAGGGG
CAGCTGCTGGTCTTGACTGTTGGGATCACTGTGTCAAGATCTACAGCTACCATCTGAGAAGATACTCTA
CCCCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR208860 representing NM_001012103
 Red=Cloning site Green=Tags(s)

MAAAAAASHLNLDALREVLECPICMESFTEEQLRPKLLHCGHTICRQCLEKLLASSINGVRCPFCSKITR
 ITSLTQLTDNLTVLKIIDTAGLSEAVGLLMCRACGRRLPRQFCRSCGLVLCEPCREADHQPPGHCTLPVK
 EAAEERRRDFGEKLTREL TREL TREL TREL TREL TREL TREL TREL TREL TREL TREL TREL TREL
 LAEVEKSNQVVEEQSYLLNIAEVQAVSRCDYFLAKIKQADVALLEETADEEEPELTASLPRELTLDQVE
 LLKVGHVGPLQIGQAVKKPRTVNMEDSWAVEEGAASSASASVTFREMDMSPPEEVVSPRASPQKRSSEA
 ASSIQQCLFLKMGAKGSTPGMFNLPVSLYVTSQSEVLVADRGNYRIQVFNKRGFLKEIRRSPSGIDSFV
 LSFLGADLPNL TPLSVAMNCHGLIGVTDSDYNSLKVYTLDGHCVACHRSQLSKPWGITALPSGQFVYTDV
 EGGKLCWFTVDRGAGVVKYSCLCSAVRPKFVTCD AEGTVYFTQGLGLNVENRQNEHHLEGGFSIGSVGPD
 GQLGRQISHFFSENEDFRCIAGMCDVARGDLIVADSSRKEILHFPKGGGYSVLIREGLTCPVGIALTPKG
 QLLVLDCWDHCVKIYSYHLRRYSTP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

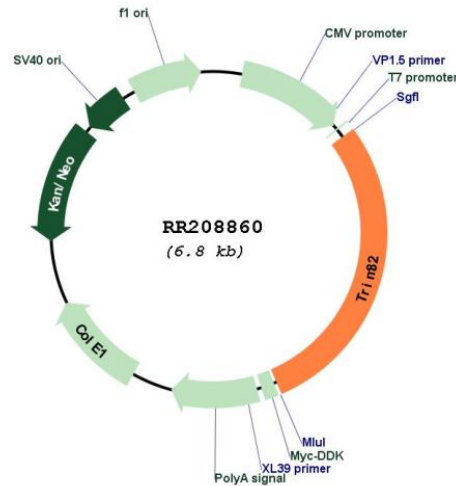
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001012103

ORF Size: 1965 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_001012103.1](#), [NP_001012103.1](#)

RefSeq Size: 3190 bp
RefSeq ORF: 1968 bp
Locus ID: 313264
Cytogenetics: 5q24
MW: 72.2 kDa