

Product datasheet for **RR203452**

Trim59 (NM_001108945) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim59 (NM_001108945) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Trim59
Synonyms:	RGD1311956
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR203452 representing NM_001108945 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCACAATTTTGAGGACGAGTTAACCTGTCCATTTGTTATAGTATCTTTGACGATCCTCGTGTACTAC
CATGCTCTCATACATTTTGTAGAACTGTTGGAAAATGTTCTTCAGGCATCTGGTAACTTTACATATG
GAGACCTCTGCGAATCCCACTCAAGTGTCTAACTGCAGAAGTATTATTGAAATTGCTTCGACTGGCATA
GAATCCTTACCTGTAACTTTGCATTAAGAGCAATTATTGAAAAGTACCAGCAAGAAGACCACCCAGATG
TTGTCACCTGCCCTGAACATTACAGGCAACCATTAATATGTTTATTGTCTACTAGATAAAAAATTAGTTTG
TGGCCATTGTCTTACTATAGGTCAACATCATGGCCATCCTATAGATGACCTTCAAAGTGCCTATCTGAAA
GAAAAGGATACACCTCAGAAGTTGTTTAAACAGTTAACCGACACACACTGGACAGATACACTCGCCTTA
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CACATAATAACCTTCTTAAATGAAATCACTTCCATATGTTTCTCTGAAGTCTTTCTCTGTTTACCAA
GTTTATCTAAGAAGCTTATGACTTAAAAACACAGTATGCTACACTTTATTTGTTAAAGGAATTTAT
GTGGAAAAATAGTCTTGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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Protein Sequence: >RR203452 representing NM_001108945
 Red=Cloning site Green=Tags(s)

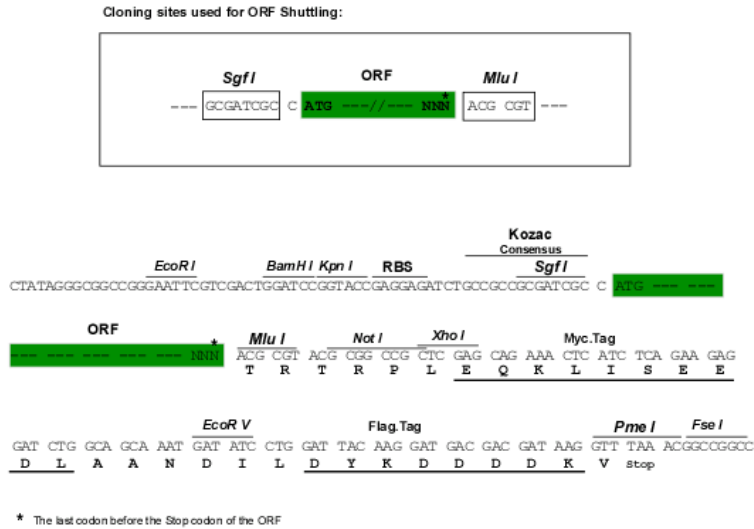
MHNFEDELTCPICYSIFDDPRVLPCHSHTFCRNCLENVLQASGNFYIWRPLRIPLKCPNCRSIIIEIASTGI
 ESLPVNFALRAIIIEKYQQEDHPDVVTCPEHYRQPLNVYCLLDKKLVCGHCLTIGQHHGHPIDDLQAYLK
 EKDTPQKLFKQLTDTHWTDITRLIEKLEEKCHSEKIVQSDKEVVLQYFKELDTLEQKKFFLAALCDV
 GKMINQEYTPQIERMKEIREQQLELMTMTTSLQDESPLKFLKIDDVQRVQMLKQRPLPEVQPVEIYPR
 VSNVLKEEWSRTEIGRIKKAVIPEMRISSKRMPCSWPKDEKEMECFKILNIAIVSLISVILMLILLFNH
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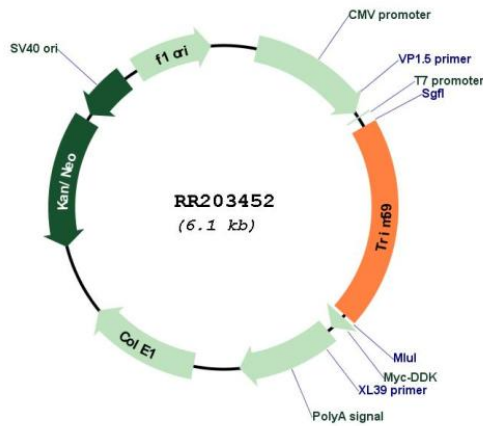
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001108945

ORF Size:	1209 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:	<ol style="list-style-type: none"> 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:	<u>NM_001108945.1, NP_001102415.1</u>
RefSeq Size:	2706 bp
RefSeq ORF:	1212 bp
Locus ID:	365813
Cytogenetics:	2q32
MW:	47.4 kDa