

Product datasheet for **RR213955**

Trmt6 (NM_001107779) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trmt6 (NM_001107779) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Trmt6
Synonyms:	RGD1308877
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR213955 representing NM_001107779
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGTTGTGAGCAGCGGAGCAGCCGAGCCACAGCCCCGCATCTCGGGGACCACTGCATCCATGACG
 GCGACTTCGTGGTACTGAAACGAGAAGATGTGTTCAAAGCAGTGCAAGTCCAGCGGAGAAAAAAGTAAC
 TTTTAAAAACAGTGTTTCTACCTGGATAACGCCATTGGCCATAGTTACGGGTCAACGTTTGAAGTGAGC
 AGTGGAGGAAGCCTTCAGCTCAGGAAGAAGCTGGAAGAGCCACATCAGAGACCAAGAAGCAGGCACTG
 ATAATCGAAATATAGTTGATGATGGAAGTCCCAGAACTTACTCAAGATGATATAAAGGCTCTGAAAGA
 CAAGGGCATTAAAGGAGAGGAAATAGTTCAGCAGCTAATTGAAAATAGTACAACATTTTCGAGACAAGACA
 GAATTTGCTCAAGATAAATATATTAAGAAAGAAGAAAAAATATGAAGCCATCATTACTATTTTGAAGC
 CATCTACCCGTATTCTTTCAATTATGTATTATGCAAGAGAACCTGGAAAAATTAACCACATGAGATATGA
 TACACTAGCCAGATGTTGACCTTGGGAAATATCCGTGCTGGCAATAAAATGATTGTCATGGAAACGTGT
 TCAGGCTTGGTGCTAGGTGCCATGATGGAACGAATGGGAGGCTTTGGCTCCATTATTCAGCTGTACCCTG
 GAGATGGACCTGTTCTGGGAGCAACAGCTTGTGTTGGATTCCCAATCTTTCTCAGTGGTCTTCATGA
 ATTTCCCTCAACAAAGTAAAAAGTCTCCTCAATGGAACATTTTCTGCTGAAATGCTATCCTCAGAGCCT
 AAAGACAGCACTCCAGTTAAAGAAAGTAATGGTGAGCTTGAGAAAGAGATTGCTGAGCAAGCGGATAAGG
 ACAGCATTGCAGACGGCCAGAGAGCAACGCAGAACAGAAATCCAGTGGACATTGTTCTGGGGACCCAGA
 GAGTAAGGAGCCTAAAGAAAAAGGAAGCAAAAGAGATTATTCAGGAAAAACAGAGGAGACAAGAAGAG
 CAGAGGAAAAGACATATGGAGGCTGCTGCTCTGCTGGGAGAAAGAAATGCAGATGGTTTGATTGTGGCCA
 GTCGTTTCCACCCACACCCCTGCTGCTGTCTTTGCTGGACTTTGTAGCCCCATCAAGGCCGTTTGTGGT
 CTATTGTCAGTATAAAGAGCCTTTGTTGGAATGCTACACAAAACGCGGGAGAGAGGAGGAGTCATTAAC
 TTGAGACTGTCTGAAACCTGGCTCAGAAATTACAGGTTCTGCCAGATCGGAGTCATCCCAATTGTTGA
 TGAGTGGAGGTGGAGGTAACCTTCTGTCAAGGTTCACTGTTGTCTCGGACAGCCATCGAGTAGACCCAG
 TCTCAAGTCTGTGCGAGTGCTTAGACTACCCAAGACTGAGGAGCCAGCAGCCAAGAAACAGAAATGC
 ATGGAATCTGCCTCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR213955 representing NM_001107779
 Red=Cloning site Green=Tags(s)

MELSAAEQPSPPHLDHCIHDGDFVVLKREDVFKAVQVQRRKKVTFEKQWFYLDNAIGHSYGSTFEVS
 SGGSLQLRKKLEEPTSETKEAGTDNRNIVDDGKSQKLTQDDIKALKDKGIKGEIIVQQLIENSTTFRDKT
 EFAQDKYIKKKKKYEAIIITILKPSTRILSIMYYAREPGKINHMYDTLAQMLTLGNIRAGNKMIVMETC
 SGLVLGAMMERMGFGSIIQLYPGDGPVRAATACFGFPKSFLSGLHEFPLNKVKSLLNGTFSAEMLSSEP
 KDSTPVKESNGELEKEIAEQADKDSIADGPESNAEQNPVDIVPGDPESKEPKEKSKRDYIQEKQRRQEE
 QRKRHMEAAALLGERNADGLIVASRFHPTLLLSLLDFVAPSRPFVVCYQYKEPLLECYTKLRERGGVIN
 LRLSETWLRNYQVLPDRSHPKLLMSGGGYLLSGFTVVS DSHRVDPSLKSCASALDSPKTEEPAKKQKC
 MESAS

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001107779

ORF Size: 1485 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_001107779.1, NP_001101249.1

RefSeq Size: 2915 bp

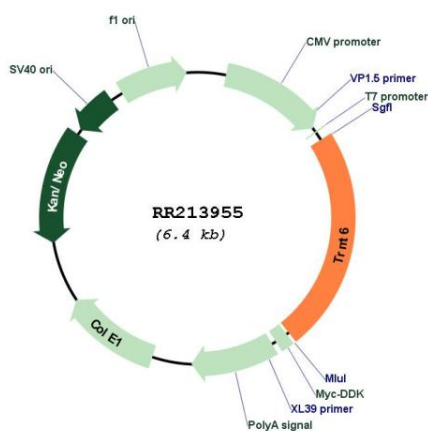
RefSeq ORF: 1488 bp

Locus ID: 311441

Cytogenetics: 3q36

MW: 55.3 kDa

Product images:



Circular map for RR213955