

Product datasheet for **RN205412**

Trmt1l (NM_001037192) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trmt1l (NM_001037192) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trmt1l
Synonyms:	RGD1307890; Trm1l
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN205412 representing NM_001037192

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGAGAATATGGCGGAGGAGGAGCTGCTACCCAGGAGAAGGAGGAGGCCAGGTGAGGTCCCGACCC
CGGATTCGGCTCCGGTCCCAGCTCCGGCCGAGATACGGCTCTGGACTCGGCTCCGACGCCGGACTCGGC
TCCAGCCCCAGCCCTTGCCCCGGCCCCGGCTCCGGCCCTGTCCCGTCCCTAGCCTCTGTCCCGAGGAG
GCTGAAAGCAAGAGACACATCTCAATCAAAGGCGGCTTGCTGATCTGGAGAAGTTAGCTTTGGGACTG
AAGGAGATGTTGACTCTGCCAGTTCATTGAAGTCAAGTAACTGGAAGAACATTCAAAGTTCGCCGCTGTG
TCCTAAGGAAAAGTTCAGAGCTTACAGCAGTCATAAGCTTCGTCGACACCTTCAGAATTTACATTGGAAA
ATCTCAGTTGAATTTGAAGGCTCCAGGATGTGCATCTGTCACTTAGCGTGCCGGCCAGTGAAGCCAAACA
TTGTTGGAGAGCAGATATCCAGTAAATGGGAGCCCATTAAGTGCATCATTGTTGAGCTACAATCAC
CAGAAGGACTGACATGCTAGGACATGTTAAACGCCATGTGAACAAAGGAGAACTAAATCCAGGTACATT
TCTGCTTCTACCGCCAAATCATCTAATGAAGTTCTGAAGGAGACAGACACGGATATACAAGTTTTCTCTA
ACTACTCTATTCTCAGAAAACAGACTCATATTTAATCCCAAAATGAACTAAATCGTCAGATCATATT
CTGTACGCTGGCTGCTTTGGCTGAGGAACGAAAACCGTTGGAGTGTGTAGATGCCTTTGGAGCCACTGGA
ATAATGGGATTACAGTGGGCAAGCACCTTGGAATGCAGTCAAAGTTACAATTAATGACTTGAATGAAA
ACTCTGTGACTTTGATTAGAAAACCTGCCACTTAAACAAATGAAAAGTGGTGGTAGACAGTGAGGAAAA
GGAAGAGGGTGATGGTCTTGAAGACTGCAGCACTGCGGGGACATCCAGGTGACCAGGATGGACGCCAAT
GTTCTGATGCACCTGAGATCTTTGATTTTATACACCTGGACCCCTTTGGAACGTCGGTGAAGTACCTCG
ACTCTGCGTTTCAAGAACGTAAGGAACCTTGCCATAGTGTCACTGACTTCCACAGACATCAGCTCCTTGTA
TGCCAAGGCACAGCATGTTGCCCGCGCTCACTACGGATGTAACATTGTCCGAACAGAGTATTACAAGGAG
CTAGCGGCCAGAATTGTGCTAGCTGCAGTGGCAAGAGCTGCAGCACGGTGAACAAAGGTGTGGAAGTGC
TGTTTGCCGTGGCTCTGGAGCACTTCGTGTTGGTAGTTGTGAGGGTCTTAAGAGGGCCCACTTCAGCAGA
CGAGACTGCCAAGAAAATCCAGTACCTGATCCACTGCCAGTGGTGTGAGGAGAGGATATTTCAAGAGGAC
GGTAACATGGTGAAGAAAACCCATATAAACAGCTGCCCTGTAATTGTCATGGGAGCATGCCTGGCAAGA
CAGCAATAGAAGTGGGCTCTGTGGTCAAGTTCCTTTTCAATACTGGATTCTCAAGAGAATGCTATT
TGAATCTATTATCATGTTTGGATGACATTACGCCCCTAATAAGACATTGATCTTTGAATCAGAGTGT
ACTCCCCAAAGCCAGTGTTCAGTCCATGCACCTTCAAATACCAACAAGCAAGAAGAAAATGGTGTATTTG
TTAAAACCAACCGATGATACCACAATAGATTTTACAGTGACAGGGCAAGAGAAAAAGTAATGAGATGGC
CATTAACGTAGCCAAGAAACAGAAGACGGACGCCAGCACTGCCACCCCTCCCTTTTATTACAACATCCAC
AGGCACAGCATCAAAGGGATGAACATGCCGAAGTTAAAAAATTTTGTGCTGTCTTTCCCAAGCAGGCT
TTCGAGTAAGCCGGACTCACTTTGACCCCATGGGTATCCGTACCGATGCCTCTCTGACACAGTTCAAGTC
TATCCTGTTAAAGTACAGCACCCACGTACACTGGAGGACAGTCAGAAGGTGAGTGCCTGCACCTGAG
GACACAGTAACCGACCCGGTGGAGCTGTCCGTGAATGACAAAGCGGAAGTGAAGTGGCTGCCGGAGATGGT
GA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_001037192

Insert Size:

2172 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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:	<u>NM_001037192.1, NP_001032269.1</u>
RefSeq Size:	2642 bp
RefSeq ORF:	2172 bp
Locus ID:	304851
UniProt ID:	<u>Q496Z9</u>
Cytogenetics:	13q21
Gene Summary:	May play a role in motor coordination and exploratory behavior.[UniProtKB/Swiss-Prot Function]