

Product datasheet for **RC232988**

C1orf25 (TRMT1L) (NM_001202423) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C1orf25 (TRMT1L) (NM_001202423) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TRMT1L
Synonyms:	bG120K12.3; C1orf25; MST070; MSTP070; TRM1L
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RC232988 representing NM_001202423
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGCATCTGTCACTTACCTTGTGACAGTGAACCAACATTATTGGAGAACAGATAACCGTAAAA
 TGGGAGCCATTATCATTGTATCATTGTTTCAGCAACAATCACCAGAAGAACTGATATGCTAGGACATGT
 TAGGCGCCACATGAATAAAGGAGAGACTAAATCTAGTTATATTGCAGCTTCCACTGCTAAACCACCTAAG
 GAAATTTTGAAGAGGCAGACACGGATGTACAAGTTTGTCCCACTATTCTATACCTCAGAAAACAGATT
 CCTATTTAAACCCAAAAATGAACTAAATCGGCAGCTAATATTCTGTACATTGGCTGCTTTGGCTGAGGA
 ACGAAAACCTTTGGAATGTCTAGATGCTTTTGGAGCCACTGGGATAATGGGATTACAGTGGGCAAAACAT
 CTTGGAATGCAGTCAAAGTTACAATCAATGACTTGAATGAAAATCTGTGACACTGATTCAGGAAAAC
 GCCATTTAAACAAATTGAAAGTGGTGGTGGACAGTAAGGAAAAGGAAAAGAGTGATGATATTCTTGAAGA
 AGGAGAGAAAAATCTTGGTAATATTAAGGTGACCAAAATGGATGCCAATGTACTGATGCATTTGAGATCT
 TTTGATTTTCATACATCTAGACCCTTTTGGAACATCAGTGAATTATCTAGATTCTGCATTCAGAAAATAAA
 GAAACCTTGGCATAGTGTCACTGACTTCTACAGATATCAGTTCTTTATATGCCAAGGCACAGCATGTTGC
 CCGGCGTCACTACGGATGTAACATTGTCCGAACTGAATATTACAAGAACTAGCAGCCAGAATTGTTGTA
 GCTGCAGTGGCAAGAGCTGCAGCCCGATGCAACAAGGCATAGAAGTACTGTTTGCAGTGGCTCTGGAAC
 ATTTTGTGTTGGTAGTTGTGAGAGTTTTGAGGGGACCTACTTCAGCAGATGAAACAGCCAAGAAGATTCA
 ATACCTGATCCATTGTCAGTGGTGTGAAGAGAGAAATTTTTCAGAAGGATGGTAATATGGTAGAAGAAAAC
 CCATATAGACAGCTGCCTTGTAACTGTCATGGAAGCATGCCTGGAAGACAGCAATAGAATCTGGACCTC
 GTGGTCAAGTTCCTTTTCAACTACTGGATTCTCAAAGAATGCTATTTGAATCTCTTACCATTGGTTT
 GGATGACATTCAGACCCTAATAAAGACATTAATCTTTGAATCAGAGTGTACGCCTCAAAGTCAGTTTCA
 ATTCATGCATCTTCAAATGTCAACAAGCAAGAAGAAAATGGTGTATTTATTAATACTACAGATGACACCA
 CAACAGATAATTACATTGCACAAGGAAAGAGAAAAAGTAAATGAAATGATCACAATTTAGGCAAGAAGCA
 AAAGACTGATGTCAGTACTGAACATCCTCCCTTTTATTACAACATTCACAGACACAGCATTAAAGGAATG
 AATATGCCAAAGTAAAAAGTTTTTGTGCTATTTATCTCAAGCAGGCTTTGAGTAAGCCGAACTCATT
 TTGACCAATGGGTGTACGCACAGATGCACCTCTGATGCAGTTTAAATCTATCCTTTTAAAGTACAGCAC
 CCCCACCTACACTGGAGGACAGTCAGAAAGCCATGTCCAGTCAGCATCTGAAGATACAGTAACTGAAAGA
 GTTGAAATGTCAGTGAATGACAAAGCAGAAGCAAGTGGCTGCAGAAGATGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC232988 representing NM_001202423
 Red=Cloning site Green=Tags(s)

MCICHLPCRVPKPNIIQEITSKMGAHYHCIIICSAITIRRTDMLGHVRRHMNKGETKSSYIAASTAKPPK
 EILKEADTDVQVCPNYSIPQKTDSYFNPKMKNRQLIFCTLAALAEERKPLECLDAFGATGIMGLQWAKH
 LGNVAVKVTINDLNENSVTLIQENCHLNKLVVVDSSKEKEKSDDILEEGEKNLGNIKVTKMDANVLMHLRS
 FDFIHLDPFGTSVNYLDSAFRNIRNLGIVSVTSDISSLYAKAQHVARRHYGCNIVRTEYYKELAAARIVV
 AAVARAAAARCNGIEVLFVALEHFVLVVVRVLRGPTSADETAKKIQYL IHCQWCEERIFQKDGNMVEEN
 PYRQLPCNCHGSMGKTAIELGPLWSSSLFNTGFLKRMLFESLHHGLDDIQTLIKTLIFESECTPQSQFS
 IHASSNVNKQEENGVIKTTDDTTTNDYIAQGRKSNEMITNLGKKQKTDVSTEHPFFYYNIHRHSIKGM
 NMPKLLKFLCYLSQAGFRVSRTHFDPMGVVRTDAPLMQFKSILLKYSTPTYTGGQSESHVQSASEDTVTER
 VEMSVNDKAEASGCRRW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

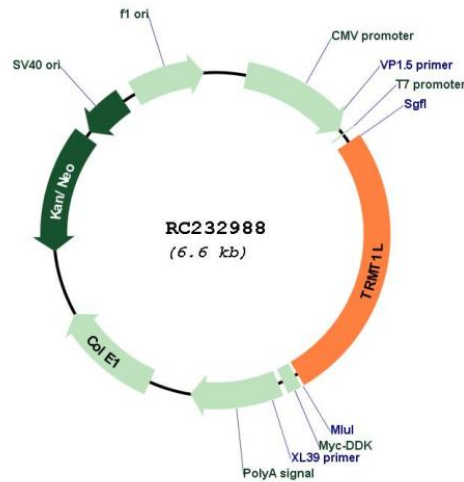
Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



Plasmid Map:



ACCN: NM_001202423
 ORF Size: 1731 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:	NM_001202423.1 , NP_001189352.1
RefSeq Size:	4029 bp
RefSeq ORF:	1734 bp
Locus ID:	81627
UniProt ID:	Q7Z2T5
Cytogenetics:	1q25.3
MW:	65.5 kDa
Gene Summary:	This gene encodes a protein that has some similarity to N2,N2-dimethylguanosine tRNA methyltransferase from other organisms. Studies of the mouse ortholog have shown that this protein plays a role in motor coordination and exploratory behavior, and it may also be involved in modulating postnatal neuronal functions. Alternatively spliced transcripts have been identified for this gene. [provided by RefSeq, Jan 2011]