

Product datasheet for **SC322388**

DIMT1L (DIMT1) (NM_014473) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DIMT1L (DIMT1) (NM_014473) Human Untagged Clone
Tag:	Tag Free
Symbol:	DIMT1L
Synonyms:	DIM1; DIMT1L; HSA9761; HUSSY5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for SC322388 TGGCGGCGATCCCCACGTGGTGGCTTTCTCACGCTAGCCCTCTTTGGTCCTCCTTGACGT CCCGGGCTGTGGGCCGCTTTCTGCCGAGATGCCGAAGGTCAAGTCGGGGGCCATCGGC CGCCGCCGCGGGCAGGAGCAGCGCCGGGAGCTGAAGAGCGCTGGAGGACTCATGTTC AACACGGGGATTGGGCAGCACATTTTGAAAAATCCTCTATTATTAACAGCATTATCGAT AAGGCTGCCTTAAGACCAACTGATGTAGTGCTGGAAGTTGGACCTGGAACCTGGCAACATG ACTGTAAAGTTGTAGAAAAGGCAAAAAGGTTGTTGCTTGTAACCTTGACCCAAGGCTA GTAGCTGAACCTCACAAAAGAGTTCAGGGCAGCCTGTGGCCAGCAAACTTCAAGTACTG GTGGGTGATGTGCTGAAAACAGATTTGCCATTCTTTGATACTTGTGTGGCAAATTTGCCT TATCAGATCTCTTCGCCTTTTGCTTCAAGCTGTTGCTACATCGACCTTTTTTCAGGTGT GCTATACTTATGTTTCAAAGAGAATTTGCCCTCCGACTGGTTGCAAAACCTGGAGATAAG TTATACTGCAGACTCTCAATTAATACACAGCTGTTGGCACGTGTGGACCATCTAATGAAA GTGGGAAAGAATAACTTCAGACCACCGCCAAGGTGGAATCCAGTGTTGTAAGGATAGAA CCTAAGAATCCACCACCACCCATCAATTTTCAGGAATGGGATGGTCTAGTAAGGATAACC TTTGTTAGGAAAAACAAGACACTCTCTGCTGCATTTAAATCAAGTGCAAGTGAACAACCTC TTGGAAAAAACTACAGAATTCAGTGTTCAGTCCATAATATTATAATACCAGAAGATTTT AGCATAGCAGATAAAATACAGCAATCCTAACCAGCACAGGTTTTAGTGACAAACGGGCC CGTTCATGGACATAGATGACTTCATCAGATTGCTACATGGATTCAACGCAGAAGGTATT CATTTTTCTAGGTATTTGGAAAACAGAAATTTTCAAGGTCAAGAAAAGAAATGAATTTT GTATTTTTGTATTTGAGAAGATAATGCTTTTGCTTTACTGAGACATTATTTACTTGACT ATTTTTGGTTCAATACTACTACTGTTGTCAACATTTATGATTCTGAATTTTAAAGTTGGA AAGTTCTAAGTATCAAAGTTTTTAATATAATGCTGGTCCAATCTATTCATAATAATCT TCAAGTTCAGGAGCCGACAGACGCACAACCTTTACACTTATCATTTCTAACAGTTTATTG TATAAAGATGTTACTCTTCTATTTACTGTTATATACTGTAAGGCCTTCTTTAGGCCTTTA GCTCTGTTCTCCAGTAATAAAAAAGTTAAAATATGCTTCACTAGTCACACATTTCCCAT ACCATTTCTGTTATTACATTTCCCGTACCATTCTTGTATTACATGTACAGTAAAA CAATTGTTTCTTAAAAAAAAAAAAAAAAA



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Restriction Sites:	Please inquire
ACCN:	NM_014473
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_014473.2</u> , <u>NP_055288.1</u>
RefSeq Size:	1557 bp
RefSeq ORF:	942 bp
Locus ID:	27292
UniProt ID:	<u>Q9UNQ2</u>
Cytogenetics:	5q12.1
Domains:	rADc
Protein Families:	Druggable Genome
Gene Summary:	The protein encoded by this gene is a methyltransferase that is responsible for dimethylation of adjacent adenosines near the 18S rRNA decoding site. The encoded protein is essential for ribosome biogenesis, although its catalytic activity is not involved in the process. The yeast ortholog of this protein functions in the cytoplasm while this protein functions in the nucleus. [provided by RefSeq, Jan 2017] Transcript Variant: This variant (1) encodes the longest isoform (1).