

Product datasheet for **SC309428**

DRIM (UTP20) (NM_014503) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DRIM (UTP20) (NM_014503) Human Untagged Clone
Tag:	Tag Free
Symbol:	DRIM
Synonyms:	1A6/DRIM; DRIM
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_014503, the custom clone sequence may differ by one or more nucleotides

```

ATGAAGACAAAGCCGTTTCCCAAGACCGAGAACACCTACCGGTTTCTTACATTTGCT
GAACGACTGGGAATGTTAATATTGATATTATTCACCGATTGATAGAACTGCAAGCTAT
GAGGAGGAGGTTGAAACCTACTTTTTGAGGGTCTGCTGAAATGGAGAGAATTAAACCTC
ACAGAACACTTCGAAAAATTTACAAAGAAGTTATTGACAAATGCCAATCATTCAATCAG
TTGGTGTATCACCAAAACGAGATAGTTCAGAGTTTGAAGACTCACCTGCAAGTTAAGAAC
AGTTTTGCCTATCAACCCCTTTTGGATTTGGTTGTACAGTTGGCAGGAGATCTGCAGATG
GATTTCTACCCACACTTTCCAGAGTTTTTTTGGACTATCACCTCGATCCTGGAGACTCAG
GACACAGAGTTGTTAGAAATGGGCTTTCACCTCGTTATCATATCTTTATAAGTACCTGTGG
AGACTGATGGTGAAGGACATGTCCAGTATATACAGCATGTACAGCACACTCCTGGCTCAT
AAAAAATACATATAAGAAATTTTGGCTGCTGAAAGTTTTACTTTTTTGATGAGAAAGGTC
TCTGATAAAAACGCACTTTTCAATTTAATGTTTCTTGATCTTGATAAACATCCAGAAAAA
GTTGAAGTGTTGGACAGTTGCTCTTTGAAATGTGCAAAGGAGTTAGAAATATGTTTCAC
TCCTGTACAGGCCAGGCAAGTGAAGCTAATTTGCGAAAGCTAGGACCAGTCACTGAAACA
GAAACTCAACTACCATGGATGTTAATTGGAGAAACACTCAAAACATGGTCAAATCCACT
GTATCCTACATCTCCAAGGAACATTTTGGTACATTTTTTGAATGTTTGCAAGAATCGCTC
TTGGATCTACACACAAAAGTAACAAAACTAAGTGTGTGAAAGTTCTGAACAGATTAAA
AGGTTGTTGGAACATACCTTATACTTTGTAACATGGAAGTGGGACAAAGATACCCACG
CCTGCTGATGTCTGAAGGTGTTATCTCAAACTGCAAGTAGCCAGTCTCTCCACATCT
TGCTGGGAGACCCTCTTGGATGTAATTTCTGCTTTGATCCTGGGTGAAATGTTTCCTTG
CCGGAGACCCTCATCAAAGAAACCATAGAAAAATATTTGAGAGCAGATTTGAAAAACGT
TTAATTTTCAGTTTTTCTGAAGTCATGTTGCCATGAAGCAGTTTGAGCAGCTTTTTCTA
CCAAGCTTTCTGCATATATTGTGAATTGCTTCTTAATTGATGATGCTGTAGTCAAAGAT
GAAGCTCTGGCCATTCTGGCCAAGCTCATTCTGAACAAAGCAGCACCTCCCACTGCTGGC
TCGATGGCAATTGAAAGTACCCTCTGGTTTTCTACCGCAGATGGTGGGATTCTATATA
AAGCAGAGAAGACTAGATCCAAGGGAAGAAACGAACAGTTTCCAGTATTGGACCATCTT
TTATCTATAATTAAGTTACCCCCAAATAAGATACTACTTACCTTTCACAATCTTGGGCA
GCCCTCGTGGTGTTACCTCATATTAGACCTCTTGAGAAAGAGAAGGTGATACCACTCGTC
ACCGGCTTCATAGAGGCACTCTTCATGACTGTTGACAAAGGAAGCTTTGGGAAAGGAAAC
TTATTTGTTCTTGTCAAGCTGTAAATACTCTACTAAGTTTGAAGAATCTTCTGAACCT

```



[View online »](#)

CTTCAATTTGGTTCCTGTGGAACGTGTGAAGAATTTAGTATTAACCTTTCCCCTGGAGCCA
 TCTGTGTTGCTGTTGACTGATCTCTATTATCAGAGATTAGCCTTGTGTGGCTGCAAAAGG
 CCACTTTCCCAGGAGGCTTTAATGGAATTATTTCCCAAGTTACAAGCAAAACATTTCAACT
 GGTGTATCCAAGATTCGGCTTTTGACAATAAGGATCCTAAACCATTTTGATGTCCAGCTT
 CCAGAATCAATGGAGGATGATGGGCTCTCAGAGCGGCAGTCTGTCTTTGCTATATTACGC
 CAGGCAGAAGTTGTTCCAGCAACTGTGAATGATTATAGAGAGAAGCTTCTTCATTTGAGA
 AAATAAGACATGATGTGTACAGACTGCTGTCCCTGATGGGCCGTTACAGGAGGTGCCG
 CTTGCTTATTTGTTAGGCATGCTATATATTAATTTCAAGTCACTCTGGGATCCTGTTATT
 GAAGTCAATGTTCTCATGCACACGAAATGGAAAATAAGCAATTTTGAAAAGTCTACTAT
 GAGCATCTAGAAAAAGCAGCTACGCATGCTGAGAAGGAACTACAGAATGATATGACAGAT
 GAGAAGTCCGTTGGAGATGAAAGTTGGGAGCAGACCCAGGAAGGAGATGTTGGAGCTCTT
 TATCATGAGCAGTTAGCATTGAAAAGTACTGTGAGGAAAGACTTGACCACACCAACTTC
 AGATTCCTGCTCTGGAGAGCTCTGACCAATTTCCAGAAAAGAGTAGAGCCACGGTCCAGG
 GAGCTTTCCCGCTTTTCTTGAGATTTATCAACAATGAGTATTACCCAGCAGATCTGCAA
 GTTGCTCCAACCCAGGATCTACGGAGAAAAGGCAAGGGATGGTGGCAGAGGAAATCGAA
 GAGGAACCTGCCCGAGGAGATGATGAAGAGTTGGAGGAAGAGGCAGTGCCCAAGATGAA
 TCCTCACAGAAGAAAAGACGAGGAGAGCTGCAGCAAAGCAATTAATTGCTCATTTGCAA
 GTTTTCTCTAAATTTTCAAATCCACGGGCTTATATCTGGAATCCAACTATATGAGTTA
 TATCTTCAGTTGTTGCTACACCAAGATCAAATGGTGCAAAAAATAACCTTGGATTGCATA
 ATGACATATAAACATCCTCATGTCCTCCCTACAGGGAAGAACTTACAAAGGTTGCTTGAA
 GACAGAAGCTTTAAGGAAGAGATAGTGCATTTTAGCATTTCAGAAGATAATGCTGTAGTG
 AAAACAGCCACCGAGCAGATCTATTTCTATTCTGATGAGAATTTGTATGGGCGAATG
 AAGAATAAGACTGGGAGTAAACTCAGGGGAAATCTGCTTCAGGCACCCGATGGCCATT
 GTCTGCGGTTCTGGCCGGGACCAACCTGAGGAGATCCAGATATTCTTAGACCTGCTG
 TTTGAACCTGTGAGGCATTTCAAGAATGGAGAGTGCCATTCTGCAGTCATTCAAGCAGTA
 GAAGACTTGGAATTTGTCTAAAGTTCTTCTTTAGGTGTCAGCACGGTATCTTAAACAGC
 CTTGAGATAGTATTGAAAAACATTAGTCATCTGATCAGCGCATACCTGCCGAAGATTTTG
 CAGATACTGCTCTGTATGACAGCAACCGTATCACACATCCTTGACCAACGAGAAAAGATA
 CAGCTGAGATTTATTAATCCATTGAAAAATTTAAGACGCTTGGAAATCAAATGGTAACT
 GATATCTTTTGGACTGGGAATCATATCAGTTTAGAACAGAAGAAATTGATGCTGTGTTT
 CATGGTGCAGTTTGGCCCGAGATCAGCAGGCTTGATCTGAGAGTCAATATTCTCCTACT
 CCTCTGCTGAAACTGATCAGTATCTGGAGCAGAAACGCAAGATATTTCCCTTTGCTGGCT
 AAACAGAAGCCTGGGCACCCAGAATGTGATATCCTGACCAATGTTTTGCAATTCTCTCA
 GCGAAGAATCTTTCTGATGCCACAGCCAGTATTGTAATGGACATAGTTGATGACCTTCTT
 AACCTTCAGATTTGAGCCTACAGAAACAGTTTTGAACCTTGCTGGTAACTGGATGTGTA
 TACCCTGGCATAGCAGAAAACATCGGTGAGTCTATCACAATAGGAGGAAGATTAATTCTA
 CCTCATGTACCTGCAATCTTCAGTATCTCAGCAAAACCACAATAAGCGCAGAAAAGGTG
 AAAAAGAAAAAGAATAGAGCACAAAGTCAGTAAAGAGCTTGGCATTCTTTCAAAGATCAGC
 AAGTTTATGAAAGACAAAGAACAAGTTCTGTACTCATTACGCTTCTCCTTCCATTCTC
 CACCGTGGCAATATTGCTGAGGATACAGAGGTTGATATTCTGGTGACAGTACAAAACCTG
 TTAAGCATTGTGTGGACCTACAAGCTTCTCAAGCCTATAGCAAACTTTTCTCAGTT
 ATTAAGAACAATTGTCAAGAAATTGCTTTGTACGGTTTTTGAGACTCTTTCTGATTTT
 GAGAGTGGGTTAAATATATTACTGATGTTGTCAAGCTTAACGCCTTCGATCAAAGACAT
 CTTGATGATCAACTTCGACGTTGCTTTGAGACTTTCCAGACCATCACCTCTTACATT
 AAAGAAATGCAATTGTGGATGTAACTACCTAATTCAGTTATGCATAATTGTTTCTAT
 AATCTAGAGTTAGGAGATATGAGTTTAAGTGATAATGCCAGCATGTGCCTGATGAGTATC
 ATCAAAAAGCTAGCTGCCTTGAATGTCACAGAGAAAGACTATAGAGAAATCATCCACCGT
 TCACTCCTGGAGAAATTGAGAAAAGGTCTGAAGAGCCAGACAGAGAGTATTCAGCAGGAT
 TATACCACAATACTTTCTGTGTTAATTCAAACCTTTCCAAACCAACTGGAATTCAAAGAC
 TTGGTACAACCTTACTCATTACCATGACCCAGAAATGGACTTCTTTGAGAACATGAAGCAC
 ATTCAGATCCACAGAAGAGCAAGAGCCTTGAAGAACTTGCAAAACAATAATGGAAGGC
 AAAGTTGTTCTGCTCTTCTAAATCTTTCAGAATTACATCATGCCTTATGCCATGACTCCA

ATTTTGTATGAGAAAATGCTCAAGCATGAAAATATAACCACTGCTGCCACAGAGATTATT
 GGAGCCATTTGCAAAACATCTCTTGGTCAGCGTATATGTATTACTTGAAACATTTTCATT
 CATGTCTTACAAACGGGACAGATCAATCAAAAACCTGGGTGTGAGTTTGTAGTAATAGTG
 TTAGAAGCATTCCACTTTGACCACAAAACCTCTTGAAGAACAAATGGGAAAAATTGAGAAT
 GAAGAAAAACGAATTGAAGCAATTGAGTTACCAGAGCCTGAGGCCATGGAATTAGAGCGT
 GTGGATGAGGAAGAGAAGGAATATACATGCAAGAGTTTGTGAGACAACGGACAACCGGGA
 ACCCTGATCCAGCTGACTCTGGAGGAACATCAGCTAAAGAATCCGAGTGTATCACAAG
 CCTGTCTCTTTCCCTTCTCAAAACAAGGAAGAAATAGAGAGAACAATTAATAATATCCAA
 GGAACCATAACCGGGGATATTCTCCCCAGGCTACATAAATGCCTTGATCTACGACTAA
 AGGGAAGAAGAACACAAGCTTGCAAGTCAAAGGTTGTGAATGATGAGGAAGTCGTTGCA
 GTTCCATTAGCTTTTGGCATGGTTAACTAATGCAGTCCCTTCCACAAGAAGTTATGGAA
 GCTAATCTGCAAGTATTTTGTGAAAGTGTGTGCCCTACTCAAGAACAGAGCCCAAGAA
 ATCAGAGACATTGCACGCAGCACTTTGCGAAAATAATAGAGGATCTTGGTGTGCACTTC
 CTCCTATATGTTTTAAAGAATTACAGACTACTCTTGCCGTGGATACCAGGTCCATGTG
 CTGACTTTCACCGTTTACATGCTGCTGCAAGGCCTCACCATAAGCTGCAGGTGCGAGAT
 TTGGACTCTTGTTTAGATATAATGATTGAGATTTTAAACCATGAGTTGTTTGGTGTCTGTT
 GCTGAAGAGAAGGAAGTAAAGCAGATCCTCTCCAAAGTCATGGAAGCACGAAGAAGCAAA
 AGTTACGACTCTTATGAAATCCTCGGCAAGTTTGTAGGAAAAGATCAGGTTACAAAACCTC
 ATCCTTCCATTAAAGAGATCTTACAAAATACCACGAGTTTGAAGTGGCCCGGAAAGTT
 CATGAACTTTACGCCGAATCACAGTGGGATTAATTGTAAATCAGGAAATGACAGCTGAA
 TCCATTCTATTACTCAGTTATGGTTTGATCAGTGAAAATCTTCCCTGTTAACAGAGAAA
 GAAAAAATCCAGTAGCCCCAGCACCAGATCCAGTCTACCACCCAGAGCTGCCTTCTG
 CTTCCCCCACTCCAGTTCGAGGTGGACAGAAAGCTGTTGTGAGCAGGAAAACCAACATG
 CACATATTTATTGAGTCCGGGCTTCGGCTGCTGCATCTGAGTCTGAAGACTTCCAAGATC
 AAGTCTTCAGGTGAATGTGCTGGAATGCTGGATCCTTTTGTGTCTCTCCTCATAGAC
 TGCCTGGGCTCCATGGATGTGAAGGTGATCACAGGTGCTTTACAGTGCCTCATCTGGGTC
 TTGAGGTTCCCGCTACCTTCCATAGAAACAAAAGCAGAGCAGCTGACAAAACACCTCTTC
 CTTCTGCTGAAGGACTATGCAAAGCTCGGGGCCGCCAGGGGCCAGAACTTCCACCTTG
 GTCAATTGTTTCAAGTGTGTGACCATACTTGTCAGAAAGTCAAGTCTTACCAGATAACT
 GAAAAACAGCTCCAAGTTCTACTGGCCTATGCTGAGGAGGACATTTATGATACTTCAAGA
 CAAGCCACTGCCTTTGGTCTTCTGAAGGCAATTTTATCAAGAAAGCTGTTGGTCCAGAA
 ATCGATGAGGTGATGCGGAAAGTATCCAAGTTGGCAGTCTCTGCACAAAGCGAACCTGCC
 AGGGTCCAGTGTAGACAGGTTTTCTGAAATATATTCTTGACTATCCCCTGGGTGACAAA
 TTGAGACCAAACTTGGAATTCATGCTCGCTCAACTGAATTACGAACATGAGACCGGGAGA
 GAGTCCACCTTGGAATGATCGCCTATCTCTTGACACGTTCCCTCAGGGGCTGCTCCAT
 GAGAACTGCGGAATGTTCTTTATCCCTCTTTGTCTAATGACGATCAATGATGACTCTGCC
 ACGTGCAAAAAGATGGCATCCATGACAATCAAGTCCCTACTTGGTAAAATCAGCCTCGAG
 AAAAAAGATTGGCTGTTTGATATGGTTACCACTTGGTTTGGAGCAAAAAAGCGCTTAAAT
 AGACAACCTTGTGCCCTGATCTGTGGCTTGTGTTGTTGGAAGTGAAGGAGTTGATTTTGAG
 AAAAGACTTGGAAGTGTCTTCTGTGATTGAAAAGGAAATTGATCCTGAAAACCTTTAAA
 GATATCATGGAAGAACTGAAGAAAAAGCTGCAGATCGCCTTCTGTTTAGTTTTCTTACA
 CTGATAACTAACTTATCAAGGAATGTAATATTATTAGTTTACCAAACCGCTGAGACT
 TTGAGTAAAACTGGAGTCATGTGCATTCTCACCTGAGACATCCACAACTGGGTGTGG
 CTCACAGCAGCCAGATTTTGGATTACTCTTTCCTCTTGCCAGCCAGAGGAGCTTATT
 CAAAAATGGAATACCAAAAAGACCAAAAAACACCTCCAGAACCTGTAGCAATCAAGTTC
 CTAGCCAGTGACCTTGACCAAAAAGATGAAAAGTATCTCTCTCGCCTCTTGCCATCAATTG
 CATTCCAAATCTTGATCAGTCTCTAGGAGAACAGGTTGTTAAGAAATTTGTTGTCGCA
 GCCAAAGTCTTGATTTTACTGGAAGTTTATTGTGAGGATAAGCAAGTAAGATAAAAGAA
 GACCTGGAAGAACAAAGAGCTTTAGAAGATGGTGTGGCCTGTGCAGATGAGAAGGCGGAG
 TCTGACGGAGAAGAGAAGGAAGAGGTGAAGGAAGAGCTCGGCAGGCCGGCCACGCTGCTG
 TGGTTGATCCAGAAGCTGTCCCGGATTGCAAACTGGAAGCTGCTTATTCGCCGAGAAAC
 CCCTTAAAGAGAACATGCATCTTAAAGTTCCTCGGCGCGTAGCAATGGATCTTGGGATA

GACAAGGTAAAGCCGATCTCCCAATGATCATAGCTCCTTTGTTTCGGGAACCAACAGC
 ACCTATTGAGAGCAAGATCCTTTGCTGAAGAATCTATCCAGGAAATCATAGAATTACTC
 AAAAAGCTGGTTGGGCTTGAGAGCTTCTCATTAGCCTTTGCCTCTGTACAGAAACAGGCT
 AATGAGAAAAGGGCACTCCGAAAAAGAGGAAGGCCCTGGAGTTTGTAACTAATCCTGAT
 ATTGCTGCCAAGAAAAAATGAAGAAACAAAAATAAAAGTGAAGCAAAGAAGAGAAAG
 ATAGAGTTCCTGCGTCCAGGATATAAGGCCAAGAGACAAAAAGCCATAGCCTGAAAGAT
 TTAGCAATGGTGGAGTAA

Restriction Sites:	Please inquire
ACCN:	NM_014503
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_014503.1, NP_055318.1</u>
RefSeq Size:	9017 bp
RefSeq ORF:	8358 bp
Locus ID:	27340
UniProt ID:	<u>O75691</u>
Cytogenetics:	12q23.2
Gene Summary:	UTP20 is a component of the U3 small nucleolar RNA (snoRNA) (SNORD3A; MIM 180710) protein complex (U3 snoRNP) and is involved in 18S rRNA processing (Wang et al., 2007 [PubMed 17498821]).[supplied by OMIM, Jun 2009]