

Product datasheet for SC211740

TYW1B (NM_001145440) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TYW1B (NM_001145440) Human 3' UTR Clone
Symbol:	TYW1B
Synonyms:	LINC00069; NCRNA00069; RSAFD2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001145440
Insert Size:	1015 bp
Insert Sequence:	>SC211740 3'UTR clone of NM_001145440 The sequence shown below is from the reference sequence of NM_001145440. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
AACAAATCAAAGGCTATTTCTGGATGTGAGATTATCTGATTTCAAGGTACTGAAGGACAAAACTTGG
ATGGCCTCAAAAGGTTCTTGAACACCACTCTGATTCTCCAAGGACGAATTACGTAAATTATACTTTTCA
ACAAAGGAGACGATAAGGCAGTAAACATGGAGACACGGGGGACAGCGTCCACACTCAGAGGGCCTGGGC
CACAGCCCCGATGTTTCTTTTCAAGAACTCAGCCCTTTCTGATTTTACTTCTAAGAGGAAAATTATTT
TGGGGAGGAACTACACAGTCGTGATTAGAATTTAACTGATGGTTTTGTATTATAACTTCTAAGACCTGC
CAGAATGCTAGTCTGAGAGTGTGAGACAAGGAAGAAATCCCTGGGCCTCTTCCCCTCACCTGGCCCTT
GGATTTTCATGGAGCAGCCACTTAGCATTGAATTGCACTACCCTGAGCTAAACGTGTCTGTGCTTTCTAA
GATAAGAGCTTGATCCCTTTCTTCTGTCTTAAGACAGCACCTCCTGAAAAGAATCGAAGTTGTCACAAC
TCTCAATTATTTTTAAATACTGCATAGATTGAGTTTTGGTTTATTACTAACCTTCCAAAATTGCAT
CGGATCTAAAATACTAGATCTCATCCCATTTCCCATGTAAATTACCACAGACCGCAGTACCGGGGCTGG
AGCGGAGTGAAGCTGTCTGCTGTAAGAGGAGTGGCCATGTGAGGGCATGGAGTCATTAGTCTCACAAC
ACATTTTGGACTGAAGAGGATCATTTCTTTTGTTCGTGAGGTCACTGTCCGGGCCTCTCATATCACGA
CCAGACGGCGGGTCTCCATCTTCTTGAATCCTGTGGCCCTCGCTGCTTTACACAATCTGTTCTATAAG
GTTCAAGTGTGTTTCAAGTTGAAAGATCATAAATACTCAAATTTGTTTCAAGTTAGCAAATTTCTTTA
ACAGTCTTTTATGCAAAAATTGAATTAATAAAATAATTTTTGTAAAGA
ACGCGTAAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: SgfI-MluI



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_001145440.3</u>
Summary:	Wybutosine is a hypermodified guanosine found in phenylalanine tRNA. Wybutosine functions to stabilize codon-anticodon interactions during ribosome decoding and therefore supports the maintenance of the reading frame. In yeast, the homolog of this gene is essential for the synthesis of wybutosine. The human genome contains two closely related genes that putatively function in wybutosine synthesis. The open reading frame of this locus is disrupted in some individuals. Thus, this locus appears to be an evolving pseudogene, but may still be functional in some members of the population. [provided by RefSeq, Apr 2014]
Locus ID:	441250
MW:	38.6