

Product datasheet for **SC201582**

ZCWPW1 (NM_017984) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ZCWPW1 (NM_017984) Human 3' UTR Clone
Symbol:	ZCWPW1
Synonyms:	ZCW1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_017984
Insert Size:	172 bp
Insert Sequence:	<p>>SC201582 3'UTR clone of NM_017984</p> <p>The sequence shown below is from the reference sequence of NM_017984. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GACTTCCCGTGGCGCTGTTGGGAAGTAGCTGGTGCTCCTCTGCTCCCTCTTTTCTCCCTTCTCTGG GGCGCAGGAGGAGAAGTTGCTAAGTGCTGGGTCTGTTTCATTGGCTATGAGGTTCAAATGTGTGTGGTG CAGTTTCTGTGTTAATAAAGCAGGTTACAGTCGA ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
Restriction Sites:	SgfI-MluI
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_017984.6</u>


[View online »](#)

Summary:	Dual histone methylation reader specific for PRDM9-catalyzed histone marks (H3K4me3 and H3K36me3) (PubMed:32744506, PubMed:20826339). Facilitates the repair of PRDM9-induced meiotic double-strand breaks (DSBs) (By similarity). Essential for male fertility and spermatogenesis (By similarity). Required for meiosis prophase I progression in male but not in female germ cells (By similarity).[UniProtKB/Swiss-Prot Function]
Locus ID:	55063
MW:	6.3