

Product datasheet for **SC207225**

ZCWPW2 (NM_001040432) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	ZCWPW2
Synonyms:	ZCW2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PSI00062)
ACCN:	NM_001040432
Insert Size:	1700 bp



Insert Sequence:

>SC207225 3'UTR clone of NM_001040432

The sequence shown below is from the reference sequence of NM_001040432. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
GAAATAGATGCTTTGATGTCTGAGTTTAGAACATTATACATTTTTCAAATTAATTATAAAAAATTGG
CATCTTTATATTTATCCAAAGTTAAAACTTTAAAAATGTTTGTAGTAAATAGGTATAAATTATACCAAAG
TTTATATTTGCGGTAACCTTTCTACTTCATATTTGAGAATGGCCATGATTTTTAGAGCCAGTCAAATGG
TATTTAAGTTAGTGTTAAAAATTTAGAATAAAAAACCTGATATTTGTATTTATATATTTCTTGTTTG
CCTTAATTTTTTAAATGGTTTGTGAAATTTGCCTAACAAACATATGTTTTACAATGATTGTTTAGGCCCT
TTGTTCAAAAAATGGATAACTTAAAAATGGCTGGCCAAGCTATTATAATTCTCAGAGGTAATTCAAATCTA
ATAAACTTAGAGAATGTATTTGCAGTGAATCAAATATTACAAAATAAAAGGAAATAATTTTTTAA
ATAATTGTTTAATAGAGTTGAACTTTTCTAAAAAGCAAAATTTCACTTGCTACTTCTACTGGAATCA
GTTATTTCAACCATGGTACCCAAAACCTGACTGCTTAATAGAGTCTCTGGGAGATTTTGGAAGATCAAAA
TCCTGGACCCTTCCTGCTGAATCAGTGTCTTTGGAGGTATCATCAGGAAGATGGAATAATTAATTTA
AAGTGATAGAGAGAAGTTAAACATATTGATTATAAGAAATCTAACATATAGAAAGTAAAACTCATC
ATTTTTCAGGGATTCTCATGAACAGTTTTAGTAGATATCCTTCTAGATATGTGTGGGCATTACACCTA
TCTTTAGTTCTGCTCTATCTCTTTCTGGTGGTACGGGGTGGGGAAGGGCATTCCAAGCACATAAAA
ACCAAAGCTTGAGGAGAGAAGAAGTGCACGAGAGCATCACACAGCGGTGAATTTTATTGTGAGTTGCC
TCATATTGCTTTAACAAGGAGGCAGCACATGTCTAGATATTAACAAATAAGACACCAACAACCA
CGTGTCACTCATTGAGTGGGTGCTTCTTTAAGTATTTTAGATTCTATGATAATTACGTAGAGTGA
GAGTGGAGATAGACTCACAAACGGTGAAATATCTTATTTGTCAAAGTAAAGTATGTATGATTTCTGTCT
TCCTTGTTTTCTCATGTATTCTTAGCATTCTGATATTGTGTCATAGGATGTTGAGTTGTAAGCCTA
TCTGGGTTCATATTTACATACTAGCTTGCTTAAAGTCATATAACCAAGTAAATAGAAGGCCTGGAAGT
GAGTACATCTCTGTCAGGTCCAGATCCCATGCCATTGATTATCATCTATAATGTCTTGATGAAGCTTT
TAAGTACTGGGTGGTGAATGATAATCTAGTTTCTCATATGTAAAATGGGGATGGAACATGCAAAAC
CAAGCACTGTTGTGAGGAATAAATGAGATATTTTTGTGAAAGTGGTTGTAAATCAATTTGATCTTCT
GTTTACTCTTTGCAAGAGAACCAAGTATGTGTTAAATATATTGCAATTAATAATTACTGAGATAAAA
TGTAACATACATTTGAAATGATCAGTTTTCTTCTGTTATATCATTTAATCTACTACTCATCAATATC
AGAGTTCTTTCTTCTCATTTATAAAATTAATCTTTGGAAACCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
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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.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:[NM_001040432.4](#)

Summary:	Histone methylation reader which binds to non-methylated (H3K4me0), monomethylated (H3K4me1), dimethylated (H3K4me2) and trimethylated (H3K4me3) 'Lys-4' on histone H3 (PubMed:26933034). The order of binding preference is H3K4me3 > H3K4me2 > H3K4me1 > H3K4me0 (PubMed:26933034).[UniProtKB/Swiss-Prot Function]
Locus ID:	152098
MW:	65.2