

Product datasheet for **SC318278**

WIZ (NM_021241) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WIZ (NM_021241) Human Untagged Clone
Tag:	Tag Free
Symbol:	WIZ
Synonyms:	ZNF803
Vector:	<u>pCMV6 series</u>



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_021241, the custom clone sequence may differ by one or more nucleotides

```

ATGGAGGGTCTCTGGCAGGCAGCCTGGCTGCACCAGATCGTCCCAAGGCCAGAGAGA
CTGCCTGGCCCGGCCAAGGGAGAATCGAGGGTGGGGCCGAAGCTGCTGAGGGGAA
GGTGGCATCTCCGGTCCACCCGTTACCTGCCTGTCACCAAGGAGGGCCCCGAGACATT
CTGGATGGCAGAGGTGGCATCTCTGTGGCAACTTTGACCCAGGCACCTTCAGCCTGATG
CGCTGTGACTTCTGCGGGGCTGGCTTCGACACACGGGCCGGCCTCTCCAGCCACGCCGG
GCCACCTACGTGACTTCGGTATCACCAACTGGGAGCTCACTGTCTCACCCATCAACATC
CTGCAGGAGCTGCTGGCCACCTCTGCTGCTGAGCAGCCCCCAGCCCCCTGGGCCGAGAG
CCTGGGGTCCGCTGGCAGCTTCTGACCTCCCGTCGGCCCCGTTACCTCTCACGGTG
CCCTTTCACCCACCTGGGCTGAGGACCCTGGGCCAGCCTATGGAGATGCCTCAGGCCCA
GAGCCAGCAGAGACATCCGCTGCGAGTTCTGTGGTGAGTTCTTCGAGAACCGAAGGGC
CTCTCGAGCCACGCGCTCCCATCTGCGGCAATGGGCGTGACCGAGTGGTACGTCAAT
GGCTCGCCATCGACACGCTGCGGGAGATCCTGAAGAGACGGACCCAGTCTCGGCCTGGT
GGACCTCCAACCCAGGGCCAAGCCAAAAGCCCTGGCCAAGATGATGGGCGCGCA
GGTCTGGCAGCTCACTGGAAGCCCGCAGCCCCCTCGGACCTTACATCTACCCTTGCC
AAGAAGTTGCCACCACCACCGGGCAGCCCCCTGGGCCACTCACCAACTGCCTCTCCTCT
CCTACGGCCGAAAGATGTTCCAGGCCTGGCTGCACCCTCCTTGCCCAAGAAGCTGAAG
CCTGAACAAATACGGGTGGAGATCAAGCGGGAGATGCTGCCGGGGGCCCTTCATGGGGAA
CTGCACCCATCTGAGGGTCCCTGGGGGGCACCACGGGAAGACATGACACCCTGAACCTG
TCGTCCCGGGCAGAGCCGGTGCAGCAGATCCGCTGTGAGTTCTGCGGGGAGTTCTTCGAG
AACCGCAAGGGCCTGTGAGTACGCGCGCTCACACCTGCGGCAGATGGGTGTGACCGGAG
TGGTCCGTCAATGTTTCGCCATCGACACACTGCGAGAGATCCTCAAGAAGAAGTCCAAG
CCGTGCCTCATCAAGAAGGAGCCACCGGCTGGAGACCTGGCCCCCTGCCCTGGCTGAGGAC
GGGCTCCACCCGTGGCCCTGGGCCCGTGCAGTCCCCACTGCCGCTGTGCCCTTGCT
GGCCGGCCAGGCAAAACAGGTGCAGGGCCGGCCAGGTTCTCGTGAGCTCAGCTGACG
CCCATCACTGGGGCAAGCCCTCAGCCACTGGCTACCTGGGCTCAGTGGCAGCCAAGCGG
CCCCTGCAGGAGGACCGCTCCTCCAGCAGAGGTCAAGGCCAAGACCTACATCCAGACT
GAACTGCCCTTCAAGGCAAGACCCTTTCATGAGAAGACCTCCACTCCTCCACCGAGGCC
TGCTGCGAGCTGTGTGGCTTTACTTTGAAAACCGCAAGGCCCTGGCCAGCCACGCACGG
GCACACCTGCGGCAGTTCGGCGTGACCGAGTGGTGCGTCAATGGCTCGCCATCGAGACA
CTGAGCGAGTGGATCAAACACCGGCCCAAGAGTGGGGCCCTACCGCAGCTACATCCAG
GGCGGCCGCCCTTACCAAGAAGTTCGCGAGTGGCGCCATGGCCGTGACAGTGACAAG
CGGCCGTCCCTGGGGTGGCACCCGGGGGCTGGCCGTGGTGGCCGAGTGCCGGAGGG
GAGCCAGGGCCCGAGGCTGGCCGGCAGCCGACGGTGGTGGAGCGGCTCTGGCAGCCAGC
CCGCCAGGCACCGTGAAGGCTGAGGAGCACCAGCGGCAGAACATCAACAAATTTGAACGC
CGACAAGCCCGCCTCCAGATGCCTCCGACGCCCGGGGAGGCGAGGACACCAATGACCTA
CAGCAGAAGCTGGAGGAGGTGCGGCAACCCCCACCCGAGTCCGGCCAGTCCCCTCCCTG
GTGCCCGGCCCCCGAGACATCACTTGTCAAGTTCGTGGGCAACATCTACACCCTCAA
TGCAGTTCTGTGAGGTGGAATTCAGGGCCCCCTCTCCATCCAGGAAGAGTGGGTGCGG
CACTTACAGCGGCACATCCTGGAGATGAACTTCTCAAAGCGGACCCCCACCTGAGGAG
TCCCAGGCCCGCAGGCACAGACAGCGCGCAGAGGCTCCC

```

Restriction Sites: Please inquire

ACCN: NM_021241

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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: [NM_021241.2](#), [NP_067064.2](#)

RefSeq Size: 4185 bp

RefSeq ORF: 2385 bp

Locus ID: 58525

UniProt ID: [O95785](#)

Cytogenetics: 19p13.12

Gene Summary: May link EHMT1 and EHMT2 histone methyltransferases to the CTBP corepressor machinery. May be involved in EHMT1-EHMT2 heterodimer formation and stabilization (By similarity). [UniProtKB/Swiss-Prot Function]