

Product datasheet for **SC332972**

WTAP (NM_001270531) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: WTAP (NM_001270531) Human Untagged Clone
Tag: Tag Free
Symbol: WTAP
Synonyms: Mum2
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332972 representing NM_001270531.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGACCAACGAAGAACCTCTTCCAAGAAGGTTGATTGAGTGAAACAGACTTCAAAGTTATGGCAAGA
GATGAGTTAATTCTAAGATGGAACAATATGAAGCATATGTACAAGCTTTGGAGGGCAAGTACACAGAT
CTTAACTCTAATGATGTAAGTGGCCTAAGAGAGTCTGAAGAAAACTAAAGCAACAACAGCAGGAGTCT
GCACGCAGGGAAAACATCCTTGTATGCGACTAGCAACCAAGGAACAAGAGATGCAAGAGTGTACTACT
CAAATCCAGTACCTCAAGCAAGTCCAGCAGCCGAGCGTTGCCAACTGAGATCAACAATGGTAGACCCA
GCGATCAACTTGT TTTTCTAAAAATGAAAGGTGAACTGGAACAGACTAAAGACAACTGGAACAAGCC
CAAATGAACTGAGTGCCTGGAAGTTTACGCCTGATAGCCAAACAGGGAAAAAGTTAATGGCGAAGTGT
CGAATGCTTATCCAGGAGAATCAAGAGCTTGAAGGCAGCTGTCCCAGGGACGTATTGCACAACCTTGAA
GCAGAGTTGGCTTTACAGAAGAAATACAGTGAGGAGCTTAAAAGCAGTCAGGATGAACTGAATGACTTC
ATCATCCAGCTTGATGAAGAAGTAGAGGGTATGCAGAGTACCATTTCTAGTTCTGCAGCAGCAGCTGAAG
GAGACACGCCAGCAGTTGGCTCAGTACCAGCAGCAGCAGTCTCAGGCCTCTGCCCAAGTACCAGCAGG
ACTACAGCTTCTGAACCTGTAGAACAGTCAGAGGCCACAAGTAAAGACTGCAGTCGTCTGACAAACGGA
CCAAGTAATGGTAGCTCCTCCCGCCAGAGGACGTCTGGGTCTGGATTTACAGGGAGGGCAACACAACC
GAAGTAGCTTTCTTCTCCAGGGAATGGTAATAAGTCTCCAACAGCTCAGAGGAGAGAAGTGGC
AGAGGAGGTAGTGGTTACGTAAATCAACTCAGTGCGGGGTATGAAAGTGTAGACTCTCCACGGGCAGT
GAAAACTCTCACACCAATCAAATGACACAGACTCCAGTCATGACCCTCAAGAGGAGAAAGCAGTG
AGTGGGAAAGGTAATCGAACTGTGGGTTCCCGCCAGTTCAGAATGGCTTGGACTCAAGTGTAAATGTA
CAGGGTTCAGTTTTGTAA
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Restriction Sites: SgfI-MluI
ACCN: NM_001270531
Insert Size: 1191 bp
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).



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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:	<ol style="list-style-type: none">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_001270531.1</u>
RefSeq Size:	2133 bp
RefSeq ORF:	1191 bp
Locus ID:	9589
UniProt ID:	<u>Q15007</u>
Cytogenetics:	6q25.3
Protein Families:	Druggable Genome
MW:	44.2 kDa
Gene Summary:	<p>The Wilms tumor suppressor gene WT1 appears to play a role in both transcriptional and posttranscriptional regulation of certain cellular genes. This gene encodes a WT1-associated protein, which is a ubiquitously expressed nuclear protein. Like WT1 protein, this protein is localized throughout the nucleoplasm as well as in speckles and partially colocalizes with splicing factors. Alternative splicing of this gene results in several transcript variants encoding three different isoforms. [provided by RefSeq, Jul 2012]</p> <p>Transcript Variant: This variant (4) differs in the 5' UTR compared to variant 1. Variants 1 and 4 both encode the same isoform (1).</p>