

Product datasheet for SC111735

WTAP (NM_004906) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WTAP (NM_004906) Human Untagged Clone
Tag:	Tag Free
Symbol:	WTAP
Synonyms:	Mum2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC111735 sequence for NM_004906 edited (data generated by NextGen Sequencing)

```
ATGACCAACGAAGAACCTCTTCCAAGAAGTTTCGATTGAGTGAACAGACTTCAAAGTT
ATGGCAAGAGATGAGTTAATTCTAAGATGGAAACAATATGAAGCATATGTACAAGCTTTG
GAGGGCAAGTACACAGATCTTAAGTCTAATGATGTAAGTGGCCTAAGAGAGTCTGAAGAA
AACTAAAGCAACAACAGCAGGAGTCTGCACGCAGGGAAAACATCCTTGTAAATGCGACTA
GCAACCAAGGAACAAGAGATGCAAGAGTGTACTACTCAAATCCAGTACCTCAAGCAAGTC
CAGCAGCCGAGCGTTGCCCAACTGAGATCAACAATGGTAGACCCAGCGATCAACTTGTTT
TTCCTAAAAATGAAAGGTGAACTGGAACAGACTAAAGACAACTGGAACAAGCCCAAAAT
GAACTGAGTGCCTGGAAGTTTACGCCTGATAGCCAAACAGGGAAAAAGTTAATGGCGAAG
TGTCGAATGCTTATCCAGGAGAATCAAGAGCTTGAAGGCAGCTGTCCCAGGGACGTATT
GCACAACCTGAAGCAGAGTTGGCTTTACAGAAGAAATACAGTGAGGAGCTTAAAAGCAGT
CAGGATGAACTGAATGACTTCATCATCCAGCTTGATGAAGAAGTAGAGGGTATGCAGAGT
ACCATTCTAGTTCTGCAGCAGCAGCTGAAGGAGACACGCCAGCAGTTGGCTCAGTACCAG
CAGCAGCAGTCTCAGGCCTCTGCCCAAGTACCAGCAGGACTACAGCTTCTGAACCTGTA
GAACAGTCAGAGGCCACAAGTAAAGACTGCAGTCGTCTGACAAACGGACCAAGTAATGGT
AGCTCCTCCCGCCAGAGGACGTCTGGGTCTGGATTTACAGGGAGGGCAACACAACCGAA
ACTGGCAGAGGAGGTAGTGGTTACGTAATCAACTCAGTGCGGGGTATGAAAGTGTAGAC
TCTCCACGGGCAGTGAAAACCTCTCTCACACACCAATCAAATGACACAGACTCCAGTCAT
GACCCCTCAAGAGGAGAAAAGCAGTGAGTGGGAAAGGTAATCGAACTGTGGGTTCCCGCCAC
GTTTCAGAATGGCTTGACTCAAGTGTAATGTACAGGGTTCAGTTTTGTAA
```

Clone variation with respect to NM_004906.3



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_004906 unedited
 AGTATTTTGTAAACGACTCACTATAGGGGCGGCCGAATTCGCACGAGGCCGGGGCC
 GCGGAGCTCGCGCCAGGCTCCTGGGAAAGGACGGGGAGTGTACCGGGGAGCAGCTGCTC
 CATTGTGCCTCGAGGCCCGATCGGGCTAGGCCGACGGCTCCCTCCCTTACCTTTCT
 CTCTGGCGGGTTTCGGCGGGCGGCGAGTACTGCGGCCACGCTTGAAAGGCGACTCTCC
 TGATTAAGATGACCAACGAAGAACCTCTCCAAGAAGTTCGATTGAGTGAACAGAC
 TTCAAAGTTATGGCAAGAGATGAGTTAATTCTAAGATGGAAACAATATGAAGCATATGTA
 CAAGCTTTGGAGGGCAAGTACACAGATCTTAAGTCTAATGATGTAAGTGGCCTAAGAGAG
 TCTGAAGAAAACTAAAGCAACAACAGCAGGAGTCTGCACGCAGGAAAAATCCTTGTA
 ATGCGACTAGCAACCAAGGAACAAGAGATGCAAGAGTGTACTACTCAAATCCAGTACCTC
 AAGCAAGTCCAGCAGCCGAGCGTTGCCAACTGAGATCAACAATGGTAGACCCACCGATC
 AACTTGTTTTTTCTAAAAATGAAAGGTGAACTGGAACAGACTAAAGACANACTGGAACAA
 GCCCAAAATGAACTGAGTGCCCTGGAGTTTACGCTGATAGCCAAACAGGGAAAAAGTTA
 ATGGCGAAGTGTGAATGCTTATCCAGAAGATCAAAGCTTGGAAGCAGCTGGCCAGGG
 ACGTATTGCACCCTTGAAGCACAGTGGGCTTTACAGAAGAAATACAGTGAGGAACCTAA
 AAGCATCCGGATGAACTCGAATGACTCCATCATCCACCTTGATGAACAAGTAAAGGGCTT
 GGCTAGTACCCTTCTAGTTCTGCACCACCAACTGAAAGGAACACCCCGCTTGCCCTCC
 ACCG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_004906 unedited
 GCAATCTAGAGTCGAGTNTTT
 TTTTTTAAAGGGGCACAATAAAAAATTTTTTTTAGGTTGGGGCAGTACAGGGAAAAATTT
 ACTGGGGTCACAAAGCATTGCTTTAACAGGATACAACAGTTTCATAAAAACTGGGTAAC
 TTTGCCACAAAATTTTTTAAACAGTCCCTAAAAAAAATGCCAGATGTTTGGGGGAA
 AAAACTGTTTTTAACTGAACTCCTACGGGACTCCCTCAATGAGCCCAACTTTTAGGG
 AAAAAAACTACGGGCCGGGCAAACCTTGGCAGTCTTAAACCCACATTTACTTTAACAAG
 TTTGAAGGGGGCATAAGTCCAGTAAACAGCTTGAGTCCAAATGCCCTTACACAGCACAAT
 TTTAAACAAACAGATTTATACAGACCTCATTGGGTTGATTTTTAAGGAAAAATTTCCATT
 TACAATTCACATTAACATATAAAAAAACTGGACCCTACACAAAATGTCCTTTTAGC
 ACCATTCAAAGTAATTAAGTGTACAATTTCAAAGCGGCAAAAAGTTTTGAAGCCNATAA
 AAAATAAAAAAACATATCGGATTGGATTAACCCCTGAATAAAACCCCTAAATAAC
 CCCACCGCTCCCCCAAAGGGCAAATTTGGGACAAAATTTGCCTATTTTTTCGGGAAGG
 TTCCTTCCCAATTAATGACCCTGTTAAAAATCCGCTGAAAAAATTACAAAATGGAC
 CCTGTTTACCTTTGGGCACAACCCTTTTACACGGGGGGGACCCCAAGTTGGATAC
 CTTTTCCATCACGTGTTNTTCTTTNGAGAGGCATAGACTGAGGTCTGGGCTCTTTGAT
 TGGGGTGGGAAAAGATTTCTGCCGCGGGAGATTTCCCACTTTTTAACCCGCTGGGTT
 TGTTACGAAACAACCTCCTTGGCAGATTCTTTGGGGCGGGAGGCATTTACCCTCC
 CGGAGAAAG

Restriction Sites:

NotI-NotI

ACCN:

NM_004906

Insert Size:

2240 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).

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_004906.3](#), [NP_004897.2](#)

RefSeq Size: 2143 bp

RefSeq ORF: 1191 bp

Locus ID: 9589

UniProt ID: [Q15007](#)

Cytogenetics: 6q25.3

Protein Families: Druggable Genome

Gene Summary: 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-associating 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]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Variants 1 and 4 both encode the same isoform (1).