

Product datasheet for **SC330859**

WTAP (NM_001270533) Human Untagged Clone

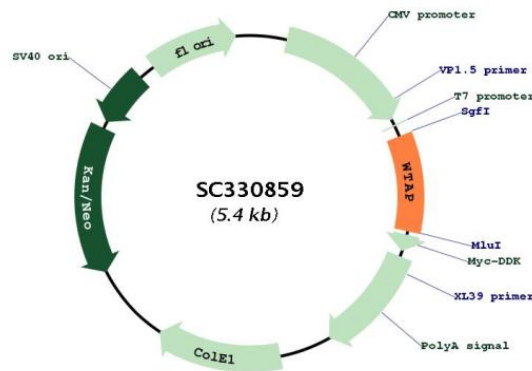
Product data:

Product Type:	Expression Plasmids
Product Name:	WTAP (NM_001270533) Human Untagged Clone
Tag:	Tag Free
Symbol:	WTAP
Synonyms:	Mum2
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330859 representing NM_001270533. Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGACCAACGAAGAACCTCTTCCCAAGAAGGTTTCGATTGAGTGAAACAGACTTCAAAGTTATGGCAAGA
GATGAGTTAATTCTAAGATGGAACAATATGAAGCATATGTACAAGCTTTGGAGGCAAGTACACAGAT
CTTAACTCTAATGATGTAAGTGGCTAAGAGAGTCTGAAGAAAACTAAAGCAACAACAGCAGGAGTCT
GCACGCAGGAAAAACATCCTTGTATGCGACTAGCAACCAAGGAACAAGAGATGCAAGAGTGTACTACT
CAAATCCAGTACCTCAAGCAAGTCCAGCAGCCGAGCGTTGCCAACTGAGATCAACAATGGTAGACCCA
GCGATCAACTTGT TTTTCTAAAAATGAAAGGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT
CAAATGAACTGAGTGCCTGGAAGTTTACGCCTGATAGAGGCCTGATGGCGTCGGACTATTCCGAAGAA
GTGGCCACCTCCGAAAAATTCCCTTCAG

Restriction Sites: SgfI-MluI

Plasmid Map:



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ACCN:	NM_001270533
Insert Size:	513 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:	<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_001270533.1</u>
RefSeq Size:	1504 bp
RefSeq ORF:	513 bp
Locus ID:	9589
UniProt ID:	<u>Q15007</u>
Cytogenetics:	6q25.3
Protein Families:	Druggable Genome
MW:	19.9 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-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]</p> <p>Transcript Variant: This variant (6) has an alternate 5' and 3' end sequences compared to variant 1. The resulting isoform (3) has a shorter and distinct C-terminus compared to isoform 1. Variants 5 and 6 both encode the same isoform (3).</p>