

# Product datasheet for RC231951

## WTAP (NM\_001270533) Human Tagged ORF Clone

### **Product data:**

#### OriGene Technologies, Inc.

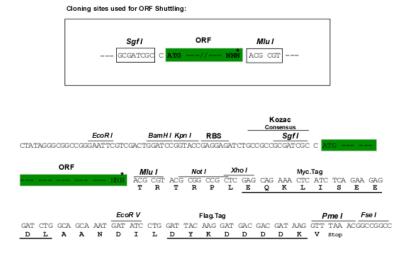
9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Expression Plasmids
WTAP (NM_001270533) Human Tagged ORF Clone
Myc-DDK
WTAP
Mum2
Neomycin
pCMV6-Entry (PS100001)
Kanamycin (25 ug/mL)
<pre>&gt;RC231951 representing NM_001270533 Red=Cloning site Blue=ORF Green=Tags(s)</pre>
TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGCC</mark>
ATGACCAACGAAGAACCTCTTCCCAAGAAGGTTCGATTGAGTGAAACAGACTTCAAAGTTATGGCAAGAG ATGAGTTAATTCTAAGATGGAAACAATATGAAGCATATGTACAAGCTTTGGAGGGCAAGTACACAGATCT TAACTCTAATGATGTAACTGGCCTAAGAGAGTCTGAAGAAAAACTAAAGCAACAACAGCAGGAGTCTGCA CGCAGGGAAAACATCCTTGTAATGCGACTAGCAACCAAGGAACAAGAGAGTGCAAGAGTGTACTACTCAAA TCCAGTACCTCAAGCAAGTCCAGCAGCCGAGCGTTGCCCAACTGAGATCAACAATGGTAGACCCAGCGAT CAACTTGTTTTTCCTAAAAATGAAAGGTGAACTGGAACAGACTAAAGACAAACTGGAACAAGCCCAAACA GAACTGAGTGCCTGGAAGTTTACGCCTGATAGAGGCCTGATGGCGTCGGACTATTCCGAAGAAGTGGCCA CCTCCGAAAAATTCCCCTTC
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAG <b>GTTTAA</b>
>RC231951 representing NM_001270533 <mark>Red</mark> =Cloning site Green=Tags(s)
MTNEEPLPKKVRLSETDFKVMARDELILRWKQYEAYVQALEGKYTDLNSNDVTGLRESEEKLKQQQQESA RRENILVMRLATKEQEMQECTTQIQYLKQVQQPSVAQLRSTMVDPAINLFFLKMKGELEQTKDKLEQAQN ELSAWKFTPDRGLMASDYSEEVATSEKFPF
TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Sgfl-Mlul



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

### **Cloning Scheme:**



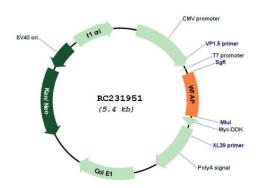
\* The last codon before the Stop codon of the ORF

ACCN:	NM_001270533
ORF Size:	510 bp
OTI Disclaimer:	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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
RefSeq:	<u>NM 001270533.2</u>
RefSeq Size:	1504 bp
RefSeq ORF:	513 bp
Locus ID:	9589
UniProt ID:	<u>Q15007</u>
Cytogenetics:	6q25.3

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

	WTAP (NM_001270533) Human Tagged ORF Clone – RC231951
Protein Families	Druggable Genome
MW:	20.3 kDa
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]

## Product images:



Circular map for RC231951

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US