

## Product datasheet for MC210212

### Wtap (NM\_001113533) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Wtap (NM\_001113533) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Wtap  
**Synonyms:** 2810408K05Rik; 9430038B09Rik  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC210212 representing NM\_001113533  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACCAACGAAGAACCTCTTCCTAAAAAGGTCCGACTGAGTGAAACAGACTTCAAAGTTATGGCACGGG  
 ATGAGTTAATTCTAAGATGGAACAATATGAAGCATATGTTCAAGCTTTGGAGGGAAAGTACACAGATCT  
 TAATTCAAACGATGTGACTGGTTAAGGGAATCTGAAGAAAACTAAAGCAGCAACAGCAGGAGTCTGCA  
 CGCAGGGAGAACATTCTGTGTCATGCGGCTAGCAACCAAAGAGCAGGAGATGCAAGAGTGCACCACTCAA  
 TCCAGTACCTCAAGCAAGTTCAGCAGCCGAGTGTGGCCCAACTGAGATCAACAATGGTAGACCCAGCAAT  
 CAACTGTTTTCTAAAAATGAAAGGTGAACTGGAACAGACTAAAGACAACTGGAACAAGCCAAAAAT  
 GAACTGAGTGCCTGGAAGTTTACGCCTGATAGCCAAACAGGCAAAAAGCTAATGGCGAAGTGTGCAATGC  
 TTATCCAGGAGAACCAAGAGCTTGAAGGCAGCTGTCCAGGGCCGTATTGCACAGCTTGAAGCAGAATT  
 GGCTTTACAGAAGAAATATAGTGAGGAGCTTAAAAGCAGTCAGGATGAACTGAATGACTTCATCATTCAA  
 CTTGATGAAGAAGTAGAGGGTATGCAGAGCACCATTCTAGTTCTTCAGCAACAATTGAAGGAGACACGAC  
 AGCAGTTGGCACAGTACCAGCAGCAGCAGTCTCAAGCTTCAGTCCAAGTACCAGCAGGACTACATCTTC  
 TGAACCTGTAGATCAGGCAGAGGTCAACAAGCAAAGACTGCAGTCGTCTGGCAAATGGACCAAGTAATGGC  
 AGCTCCTCCCGCCAGAGGACGTCTGGGTCTGGATTTACAGGGAGGGGAGCACACCTGAGGATGACTTTC  
 CTTCTTCTCAGGGAATGGTAATAAGGCCTCCAACAGCTCAGAGGAGAGAAGTGGCAGAGGAGGTAGTAG  
 TTACATAAACCCACTCAGTGCGGGTATGAAAGTGTAGACTCTCCACGGGCAGTGAAAAGTCTCTCACA  
 CATCACTCAAATGACACAGACTCCAGTCATGACCCTCAAGAGGAGAAAGCAGTGAAGTGGGAAAGGTAATC  
 GAACTGTGGGTTCCCGCCATGTTGAGAATGGCTTGGACTCAAATGTAATGTACAGGGTGCAGTTTTGTA  
 A

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001113533
<b>Insert Size:</b>	1191 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001113533.1</a></u> , <u><a href="#">NP_001107005.1</a></u>
<b>RefSeq Size:</b>	2051 bp
<b>RefSeq ORF:</b>	1191 bp
<b>Locus ID:</b>	60532
<b>Cytogenetics:</b>	17 A1
<b>Gene Summary:</b>	<p>Associated component of the WMM complex, a complex that mediates N6-methyladenosine (m6A) methylation of RNAs, a modification that plays a role in the efficiency of mRNA splicing and RNA processing (PubMed:29535189, PubMed:29547716). Acts as a key regulator of m6A methylation by promoting m6A methylation of mRNAs at the 3' UTR (PubMed:29547716). Required for accumulation of METTL3 and METTL14 to nuclear speckle (By similarity). Acts as a mRNA splicing regulator (By similarity). Regulates G2/M cell-cycle transition by binding to the 3' UTR of CCNA2, which enhances its stability (By similarity). Impairs WT1 DNA-binding ability and inhibits expression of WT1 target genes (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (a). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>