

## Product datasheet for **MC208360**

### Ctsw (NM\_009985) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ctsw (NM\_009985) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ctsw  
**Synonyms:** lym; lymphopain  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC208360 representing NM\_009985  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGACTGACTGCCACCTCTCTACTTTCTGGTCTGTGTTAGCGGGCCAAGGCCTCAGTGACTCCC  
 TCCTCACCAAGGATGCAGGTCCCGGCCACTGGAGCTGAAGGAAGTCTTCAAGCTGTTCCAGATCCGGTT  
 CAACCGGAGTTACTGGAACCCAGCAGAGTACACTCGCCGCTGAGCATCTTTGCCACAATCTGGCTCAG  
 GCTCAAAGGCTACAGCAAGAAGACTTGGGTACAGCTGAGTTGGAGAGACTCCATTCAAGTACCTCACAG  
 AGGAGGAGTTTGCCAGTTATACGGGCAGGAGAGGTACCAGAAAAGGACCCCAACATGACCAAAAAAGT  
 AGAGTCTAACACGTGGGGGAATCTGTGCCCGCACCTGTGACTGGCGTAAAGCAAAGAACATCATCTCG  
 TCGGTCAAGAACCAGGGAAGCTGCAAAATGCTGTGGCCATGGCAGCTGCCGACAACATCCAGGCTCTGT  
 GGCGCATCAAACACCAGCAGTTTGTGGACGTCTCTGTGCAGGAGCTGCTGGACTGCGAACGCTGTGGAAA  
 TGGTTGCAATGGTGGCTTCGTGTGGGACGCATATCTAAGTGTCTCAACAACAGTGGCCTGGCCAGTGAA  
 AAGGATTATCCATTCCAGGGGGACAGAAAGCCTCACAGATGCCTAGCCAAGAAGTACAAGAAGGTGGCCT  
 GGATCCAGGATTTACCATGTTGTCCAATAATGAGCAGGCAATTGCCACTACCTGGCCGTGCATGGACC  
 TATCACCGTGACCATCAACATGAACTACTCCAGCATTACCAGAAGGGTGTATCAAGGCTACACCCAGC  
 TCCTGTGACCCTCGGCAAGTGGACCACTCTGTCTTGTGTTGGGCTTTGGCAAGGAGAAAGAGGGCATGC  
 AGACAGGGACAGTCTTGTCCATTCTCGAAAACGTGCGCACTCCTCCCCATACTGGATCCTGAAGAACTC  
 CTGGGGAGCTCACTGGGGCGAGAAGGGTTACTTCAGGCTGTATCGGGGAAACAACACCTGTGGAGTCACC  
 AAGTATCCCTTACAGCTCAAGTGGACTCACCAGTAAAGAAGGCACGGACCTCTTGTCTCCCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_009985



<b>Insert Size:</b>	1116 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_009985.5</a></u> , <u><a href="#">NP_034115.2</a></u>
<b>RefSeq Size:</b>	1438 bp
<b>RefSeq ORF:</b>	1116 bp
<b>Locus ID:</b>	13041
<b>UniProt ID:</b>	<u><a href="#">P56203</a></u>
<b>Cytogenetics:</b>	19 A
<b>Gene Summary:</b>	This gene encodes a member of the peptidase C1 (papain) family of cysteine proteases. The encoded preproprotein is proteolytically processed to generate a mature protein product. Expression of the encoded protein is upregulated following lymphocyte activation. Data from a human cell line suggests that the encoded enzyme may be important for viral entry into host cells. [provided by RefSeq, Aug 2015]