

## Product datasheet for **MC208613**

### Gzmc (NM\_010371) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Gzmc (NM\_010371) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Gzmc  
**Synonyms:** AI323531; B10; CCP; CCP2; Ctl; CtlA; CtlA-5; CtlA5  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC208613 representing NM\_010371  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGCCACCAGTCTGATTCTCCTGACCCTACTTCTGCCTCTCAGAGCTGGAGCAGAGGAGATAATCGGAG  
GCAATGAGATCAGTCCACATTCCTCCCTACATGGCATATTATGAGTTTCTGAAAGTTGGTGGGAAGAA  
GATGTTCTGCGGAGGCTTCTGGTTCGAGACAAATTCGTGCTAACAGCTGCTCACTGCAAAGGAAGCTCA  
ATGACAGTCACACTGGGGCTCACAACTCAAGGCTAAGGAGGAGACACAGCAGATCATCCCTGTGGCAA  
AAGCCATTCCTCCAGACTATAATCCTGATGACCGTTCTAATGACATCATGCTATTAAGCTGGTGAG  
AAATGCCAAGAGGACTAGAGCTGTGAGGCCCTCAACCTGCCAGGCGCAATGCTCATGTGAAGCCAGGG  
GATGAGTGCTATGTGGCTGGTTGGGAAAGGTAACCCCGACGGGGAATTCCTCAAAACTGCACGAAG  
TTAAGCTGACAGTACAGAAGGATCAGGTGTGTGAGTCCCAGTTCCAAAGTTCTTACAACAGAGCTAATGA  
GATATGTGTGGGAGACTCAAAGATCAAGGGAGCTTCTTTGAGGAGGATTCTGGAGGCCCGCTTGTGTGT  
AAAAGAGCAGCTGCAGGCATCGTCTCTACGGGCAAACGATGGATCAGCTCCACAAGTCTTACAAGAG  
TTTTGAGTTTTGTATCGTGGATAAAGAAAACGATGAAACACAGCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_010371  
**Insert Size:** 747 bp



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<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>	<a href="#">NM_010371.3</a> , <a href="#">NP_034501.2</a>
<b>RefSeq Size:</b>	942 bp
<b>RefSeq ORF:</b>	747 bp
<b>Locus ID:</b>	14940
<b>UniProt ID:</b>	<a href="#">P08882</a>
<b>Cytogenetics:</b>	14 28.19 cM
<b>Gene Summary:</b>	This gene encodes a member of the peptidase S1 family of serine proteases. The encoded preproprotein is proteolytically processed to generate a mature protein product. This product, expressed by activated T cells, may induce apoptosis of target cells. This gene is present in a gene cluster with other members of the granzyme subfamily on chromosome 14. [provided by RefSeq, Sep 2015]