

## Product datasheet for **MC220255**

### **Clptm1 (NM\_019649) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Clptm1 (NM_019649) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Clptm1
Synonyms:	HS9; N14
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC220255 representing NM\_019649  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGGGCGCAGGAGCGGACGGGGCCGGCAGCGCCGTGGTGGCGGGGGGAGGCAGCTCTGGTC  
 AGGTGACCAGCAATGGCAGCATTGGGAGGGACACGCCAGCCGAGACCCAGCCTCAGAACCCCTCCACCCCA  
 GCCAGCCCCAACGCCTGGCAGGTCATCAAAGGCGTTCTGTTTCAGGATCTTCATCATCTGGGCCATCAGC  
 AGCTGGTTCGCCGAGGGCCGTCCTCAGGACCAGTCAGGCCCTGGAGGGGGCCACGTGTCGCCAGCC  
 GAAACCTATCCCAAAGACTCTAATGAACCTGCACGTGTACATCTCAGAGCACGAGCACTTCACAGA  
 CTTCAACGCCACCTCGGCGCTCTTCTGGGAGCAGCATGACCTGGTGTATGGTACTGGACCAGTGGAGAG  
 AACTCTGATGGCTGCTACGAGCACTTTCGAGAGCTTGCATCCCACAGAGTGTACAGCAGAATGGCTCCA  
 TCTATATCCATGTCTACTTCAAGAGTGGCTCCATCCAGACCCCGCAGAAGGCCCTGTACCGCCG  
 GCTTGCCACTGTCCACATGTCCCGGATGATCAACAAATACAAGCGTAGGGGATTTAGAAAACCAAGAAC  
 CTAAGTACAGGAGAGACAGAAGCTGACCCAGAAATGATCAAGAGGGCTGAGGACTATGGCCCTGTAGAAG  
 TAATCTCGCACTGGCACCCCAACATCACCATCAACATCGTGGATGACCACACACCATGGGTGAAGGGCAG  
 TGTGCCACCCCACTGGACCAATATGTGAAGTTTGTGCGGTGAGTGGTACTACTACCCATCATCTAT  
 TTCAATGACTACTGGAACCTGCAGAAGGATTACTACCCATTAATGAGAGTCTGGCCAGCCCTACCACTGC  
 GTGTCTCTTTCTGCCGCTGTACTATGGCGCTGGCAACTCTATGCTGCACAGAGTACCAAGTCAACCTG  
 GAATCTTAGGTGACGAGCTGTATGAGCAATCGGATGAGGAGCAGGATTCAGTGAAGTTGCTCTGCTG  
 GAAACAGCCCGTATCTTCTGGCACTCACCATCATCGTCTCCATTGTCCACAGTGTCTTTGAGTTCCTGG  
 CTTTCAAAAATGACATTCAGTTCTGGAACAGTCGTAGTCCCTGGAGGGGCTGTAGTGGCTCCGCTCTT  
 CTTTGGCGTTTTCCAGTCCCTTTGTGGTTCTCCTTTACATCCTGGACAATGAGACCAACTTTGTGGTACAG  
 GTCAGCGTCTTATTGGGGTCTCATCGACCTCTGGAAGATTACCAAAGTCATGGACGTCGGCTGGACC  
 GGGAGCATAGAGTGGCAGGAATCTCCCTTGCCCAACCTCAAAGACAAGTCCACCTATATTGAATCTTC  
 AACCAAAGTATATGATGATATGGCGTTCGGTACCTGTGATGGATCCTCTTTCCCTTGCTGGGCTGCTAT  
 GCCGTCTACAGCCTTCTGTACTGGAGCACAAGGGCTGGTACTCCTGGGTGCTCAGCATGCTCTACGGTT  
 TCCTGCTGACCTTTGGCTTCATCACTATGACACCACAGCTCTTCATCACTATAAGTCAAGTCTGTGGC  
 CCATTTGCCCTGGCGGATGCTCACCTACAAGGCCCTCAACTTTTATTGATGACTTATTGCTTTGCT  
 ATCAAGATGCCTGTGATGATACCGGATCGGCTGCCTGCGGGATGATGTGGTTTTTTCATCTACCTCTACC  
 AACGGTGGATCTACCGCGTCGACCCACCCGTGTGAACGAGTTCCGGTATGAGTGGAGAGGATGTCTCAGC  
 AGCGGCATCCAGGGCCAGGCATCCACTGCAGCAGGGGCTCTCACACCTGCACCCAGCACAGCTGTGAGC  
 GGAGAGGATGCCTCCACAGTCCCAAAGGCCACTTCTGGGGCTGCACTGCCAGCCAGCCCGGAAGGCC  
 CTCAAAGCCAGCAGAGGACAAGAAAAGGATTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_019649
- Insert Size:** 1995 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:**

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:** [NM\\_019649.2](#), [NP\\_062623.2](#)

**RefSeq Size:** 4147 bp

**RefSeq ORF:** 1995 bp

**Locus ID:** 56457

**UniProt ID:** [Q8VBZ3](#)

**Cytogenetics:** 7 A3

**Gene Summary:** May play a role in T-cell development.[UniProtKB/Swiss-Prot Function]