

## Product datasheet for MC209746

### Ctsj (NM\_012007) Mouse Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Ctsj (NM\_012007) Mouse Untagged Clone  
 Tag: Tag Free  
 Symbol: Ctsj  
 Synonyms: CATP; CatRLP; Ctsp  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >MC209746 representing NM\_012007  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGACTCCTACTGTCCTTCTGTTAATCCTGTGCTTTGGAGTGGCCTCAGGTGCCCAAGCACATGATCCCA  
 AATTGGATGCTGAGTGGAAAGACTGGAAGACTAAATATGCAAAATCATACAGTCCGGAAGAAGCACTGAG  
 GAGAGCAGTATGGGAAGAAAACATGAGAATGATCAAAGTGCACAACAAGGAGAATAGTCTGGGGAAGAAT  
 AACTTCACCATGAAAATGAATAAATTTGGTGACCAGACCAGTGAAGAATTCAGAAAATCAATAGACAATA  
 TTCCAATTCCTGCTGCCATGACAGACCCACATGCCAGAACCATGTATCTATTGGTTTACCCGATTATAA  
 GGATTGGAGAGAGGAAGGCTATGTGACTCCTGTACGGAATCAGGGTAAATGTGGCTCTTGTGGGCTTTT  
 GCTGCAGCTGGTGCCATAGAAGTCAGATGTTCTGGAAAAGTGGCAACCTCACCCCTCTAAGTGTGCAGA  
 ACCTATTGGACTGTTCTAAAAGTGTAGGAAACAAGGCTGCCAATCGGGTACTGCACACCAAGCATTTCGA  
 GTATGTTTTGAAAATAAAGGCTTTGAAGCTGAGGCAACCTATCCATACGAAGGAAAAGACGGACCTTCG  
 AGGTACCGTAGTGAGAACGCTAGTGCTAATATCACAGATTATGTGAACCTCCACCGAATGAGCTTTACC  
 TATGGGTTGCTGTAGCATCTATTGGCCCTGTCTCTGCTGCCATTGATGCTTCTCATGACTCTTTCAGGTT  
 CTACAATGGAGGTATTTATTATGAGCCAAATGCAGCAGTTACTTTGTGAATCATGCAGTTCTGGTGGTT  
 GGCTATGGATCTGAGGGAGATGTGAAAGATGGTAATAACTACTGGCTGATCAAGAACAGCTGGGGTGAAG  
 AATGGGGCATGAATGGCTACATGCAGATTGCCAAAGATCACACAACCACTGTGGAATTGCTTCACTTGC  
 CAGCTATCCCAATATATTT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_012007



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|                               |   |
|-------------------------------|---|
| <b>Insert Size:</b>           | 1002 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_012007.1</a></u> , <u><a href="#">NP_036137.1</a></u>   |
| <b>RefSeq Size:</b>           | 1282 bp   |
| <b>RefSeq ORF:</b>            | 1002 bp   |
| <b>Locus ID:</b>              | 26898   |
| <b>UniProt ID:</b>            | <u><a href="#">Q9R014</a></u>   |
| <b>Cytogenetics:</b>          | 13 32.62 cM   |