

## Product datasheet for **MC201534**

### Tmem129 (NM\_026698) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tmem129 (NM\_026698) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Tmem129  
**Synonyms:** 0610039G24Rik; 2410015J15Rik; AA409575  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC029088 sequence for NM\_026698  
 GTCCAGAAGTGGACTCTCCTGCCTCTGCACGGCCAGTGAGCGGTGGCGGGATGGACAGCCCTGAGGTGA  
 CCTTCACGTTGGCCTACCTGGTCTTCGCAGTGTGCTTCGTGTTACGCCCCAACGAGTTCTACTCGGCTGG  
 GCTCACAGTGCAGAATCTGTTGTCGGGCTGGCTGGGCAGCGAGGACGCCCTTCGTACCTTACCACCTT  
 CGCCGCACTTCCGCCCACTACTATGTCACACTGCTGCCGTTAGGCTACTACATGGGCATGTGCTTTG  
 CAGCCTCAGAAAAGCAGCTCTACTCCCCAGGTCAGGCCCCAGAAGCCTGGCAACTTTCCTTCTCCTGGC  
 TGTGACCTTCCCTTCTCCTGTACCCTGATCTACTACTGGTCTGGGATAGGTGGACCCGACACCCA  
 CTGGCCCAAAACCCTGGCCCTCTATGCCCTTCCACAGTCTGGTTGGCAGGCTGTCGCTTCTCCATCAACA  
 CAGAGTCCGACGGATTGACAAGTTTGCTACAGGGGCACCTGGTCCCGAGTGATTGTGACAGACACATG  
 GGTAATGAAGGTGACCACATACCGTGTGCATGTGGCTCAGCAACAGGATGTTCACTTGACTGTGACAGAG  
 TCACGGCAGCATGATCTCTGCCAGACTCAAACCTACCTGTGCAGCTTCTTACTATACGTGTGGCAAGCA  
 CCAGCCCTGGCAGACAGCCCTTTGATATTCGGCTGAATTCATCAGAATATGGCGAACTATGTGAGAAGCT  
 CCACGCCCAATCCGAAGTGCAGCAATGTGGTATCCGCCAGAGCCTGGGGACCTTCTCTAGAAACA  
 TTTGCTTCCCATGTGGAGGTCAACCCAGCCTATTCAGTACCCAGCAACCAGGAGCTGGAGCCCTGTATAG  
 GCTGCATGCAACACGGGCCAGCGTGAAGTTGGTGAAGACCTGTGAGGAGCCAGCGGTGGCGAGTGCCA  
 GCAGTGTACTGCCGACCCATGTGGTGTCTCACTTGCATGGGCAAGTGGTTTCCAGCCGCCAGGATCCC  
 CAGCGCCCTGACACTTGGCTAGCCAGCCGTGTGCCCTGCCCACTTGCCGTGCCCGCTTCTGCATCCTGG  
 ATGTGTGTGTACGCTGAGCATCACAGTATGTTCTGTGTCTCCACTAGCCACTTCTGGGGAGTGCCTG  
 AAGCTCTTTGACTTTGACAAGAGGTTCTAGTTAAAGCACACACTTAATCTACAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_026698  
**Insert Size:** 1089 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="#">BC029088</a> , <a href="#">AAH29088</a>
<b>RefSeq Size:</b>	1257 bp
<b>RefSeq ORF:</b>	1089 bp
<b>Locus ID:</b>	68366
<b>UniProt ID:</b>	<a href="#">Q8K304</a>
<b>Cytogenetics:</b>	5 B2
<b>Gene Summary:</b>	<p>E3 ubiquitin-protein ligase involved in ER-associated protein degradation, preferentially associates with the E2 enzyme UBE2J2. Exploited by viral US11 proteins to mediate HLA class I proteins degradation.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>