

## Product datasheet for **SC211136**

### **MCTP1 (NM\_001002796) Human 3' UTR Clone**

#### **Product data:**

|                           |                                         |
|---------------------------|-----------------------------------------|
| Product Type:             | 3' UTR Clones                           |
| Product Name:             | MCTP1 (NM_001002796) Human 3' UTR Clone |
| Symbol:                   | MCTP1                                   |
| Mammalian Cell Selection: | Neomycin                                |
| Vector:                   | pMirTarget (PS100062)                   |
| ACCN:                     | NM_001002796                            |
| Insert Size:              | 2000 bp                                 |



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|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Insert Sequence:</b>   | <p>&gt;SC211136 3'UTR clone of NM_001002796</p> <p>The sequence shown below is from the reference sequence of NM_001002796. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <p>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG<br/> TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC<br/> TATAAAAGAAAGAAAAACAATCTTGGCTAGCCAGCTCCCAGCACTGAGGAGACCAGCATCTGTTTGGGA<br/> AGATAAAAGAAAAAGCCCTCAGCCTCAGCAGCATTTCTTTCTTTCTGCTTTTTATTATTTTGCCTTT<br/> TTATCATGATCGAGAGAATCTGTAAATAGTGTACAAAGGCATATGTCTTTGAATATATACTTCTATTGT<br/> ACAGACTCAACTTGATAAAGTTTTGCTACTGCTGTGTCAAAACCTTGTTAGCTGTGGATAATAATATA<br/> ACACACTGAAAGAACAAATATAAGAATGATAACACTGGAAGATATATTCTTATCTAATTACTAGTGGAT<br/> TAAATACTCACCTGTGCTCTGATTAAATCTACATCAATTGTAATGTCGATTGATTTTAAAGTTTTTT<br/> TTTAATGCGACTATTTTTATCTGAAAAGTAATCCATTACACTTTTCTATGTTTTATACATTTCAAAG<br/> GGAGGGAAATTCCAAAGCCTGAATAATGGAATGGATACATTTCAATTTAACATATATTCTGGCTTTAGA<br/> TCCCGACATTCCTCTGTGCAATTACTTAGGTATGACTTAGGCTAATTTTAAGCTAATAAGTGAAGG<br/> TACATTCACTCCCTCAAGAGAATCAATACTCAGAAGGTTACAAAGTTTTCTTTATAGAATTTCAATCAA<br/> TCATTCCATCTAAACCTTAAATCTCTACAGGACTACATAACATAAAATACTGCCAGTTTATAACGAT<br/> TGCCTATCTGAATTTTTATACCTACCACTACTTTAATTTATACAGTTAGTTAGCAAATTAGCAACCCAG<br/> TAAGTACAGTTATCAAAAATACTAGGAACTATATCCATATCGCTTTTGGTGTCAGATTGTATCTGTGC<br/> ATCTAAAAATATTTAATAAATACTCAAGTGCTCTCAGAGAAAAAAAACCTGCTTCTCATTAGATT<br/> ACTGAAATGCTTAAATTCATACTATGATTTTGTATTAGTGTGAATTTTAAATGTAGAGAATTCAGTGTG<br/> CTAAGTGATATGCCAGTGTTCCTACATTCATTTATTAATAAAATCATTCTTGATTATGCATGAAAA<br/> CCTGTTTTGTAAAAATAAAATAAACTGCTTGGGGTGGTGGTTGCCTTTATCAATGTTTCACTATTATCA<br/> TAGAATCTATACTTAAAAATTGCATTCCCAAGACTCTTAAAGTAGTTTTATATCTCACTCCCTGGTAT<br/> ACTAAGGGAGCATAACTCTGGAGAAAAATAATTTGGTTGGTTGAGAATGTCTTACTTCCCTGACTTGG<br/> TAGGGGACTACACTCAGTTGAAATTGCAGCAGACAATGCTTGGCACTACTTTATTAATAATAAACTTGG<br/> ATGGGGTAAAAGTGGGGTTATACTGGAAAACTATAGAAAGCTAAAAGAAATGTATATTTCACTCTA<br/> AAGGAAGATTCTTAAACAATAAATGTAATCTCATTGAAGCTGATTTTAAAGTATTTTTATTTAGAGA<br/> TAAGTTGTAAATACTATTTCTTATAATAGAACTATTTTGATCTGTTTATATACTATGCTTGAATGTCA<br/> ATTAATTTCCCTTTCTACAGAAAGGCTTTGACCTCAACATGCTTTATTTAATGTATCATGTTAAAAATG<br/> ACATGCTTCTGTCTGCATACCATCACTGTTTGTGCTAAAAACATAATGTTCCATGAACATGATGTTAC<br/> TACAGAAAGTTTATTGATGAGATAACTGTTTGAATAAATTTCAATTATACCTTATGTGAGACTTTTAT<br/> GTTCTGTGCTGACAATGTGTACTCAATGTCTATAAGCCTGATATTCTACAACCTCAGATGTATCTAGT<br/> GGATAGTAACCATTAACAGATGACTAATTTGTTTCACTGTATCAAATTTAGATGTTTCAATGGT<br/> AATGCTGACTACACATTCAGTATTAAATACAAAAGAAATAATCTTTCCACGTATAATCAGCACT<br/> ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA<br/> CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG</p> |
| <b>Restriction Sites:</b> | Sgfl-MluI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>OTI Disclaimer:</b>    | Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Components:</b>        | The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>RefSeq:</b>            | <a href="#">NM_001002796.5</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

**Summary:** Calcium sensor which is essential for the stabilization of normal baseline neurotransmitter release and for the induction and long-term maintenance of presynaptic homeostatic plasticity.[UniProtKB/Swiss-Prot Function]

**Locus ID:** 79772

**MW:** 78.2