

## Product datasheet for **MC211036**

### **Cysltr2 (NM\_001162412) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cysltr2 (NM\_001162412) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Cysltr2  
**Synonyms:** 2300001H05Rik; Cltr2; Cysl2; CYSLT2R  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC211036 representing NM\_001162412  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGAAGTAAC**TGGGACCC**CAGCAGTTATAGTAACAGGA**ACTGTACA**ATAGAAA**CTTTAAGA**AAGGAAT  
TT**ACCC**ATCATATACCTGATAATATTT**CTGGG**GAGCCTTGGGAA**TGGCTTTCC**ATATATGTCTT  
TCTACAGACTTGAAGAAGTCCACATCTGTA**AAATGTTTT**CATGCTCAACCTGGCCACTTCCGATTTCTA  
TTCATCAGCACCTTGCCCTT**CAGGG**CTGACTATTATTT**CAGAG**GTCCAATTGGATATTTGGGGACTTGG  
CCTGCAGAGTCATGTCTTATTCCTTATATGTCAACATGTATACTAGCATTATTT**CCTAA**CTGTGCTGAG  
TGTGGTGC**TTTTCTGG**CCACAGTCCACCCCTTCCGGATGTTCCATGTCACCAGTGT**CAGG**AGTGCC**TGG**  
ATCCTCTGTGGGATCATATGGGTTTT**CATG**GGCTTCTCAGCCCTGCTTCTGGTGAACGGCCAAGAGG  
AGAAAGATAACATTATATCATGCTTGGAGCTGAGTCC**AAAAGTTTAAA**AGTCTCCTGATCATGAACCA  
CATTGCAGTAGCGGTAGGCTTCTTGCTCC**ATTTCTC**ACGCTCACCGTCTGCTACCTGCTGATCATCCGG  
ATCTTGTTAAAGGCTGAGATTCCAGAATCAGGTCCACGTGCTGCTCATAGGAAGGCGCTGACCACCATTG  
TCATTGCCATGATCACCTTCTCCTCTGTTTT**CTGCC**ATACCATGC**ACTGCGG**ACCCTCCACTTGGTCAC  
ATGGGATAAAGATT**CATGTGGG**ATGTGCTACATAAGGCCACAGTCATC**ACTG**ACCATGGCTGCAGCC  
AATAGCTGCTTCAATCCCTTTCTCTATTATTT**GTGGG**GAGAATTTCAAAGCTCGATTAAGGGCTATAT  
TCAGCAAAGTT**CATCTA**AG

**ACGCGT**ACGCGGCCGCTCGAGCAGAA**ACTCAT**CTCAGAAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001162412  
**Insert Size:** 930 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_001162412.1</a> , <a href="#">NP_001155884.1</a>
<b>RefSeq Size:</b>	1745 bp
<b>RefSeq ORF:</b>	930 bp
<b>Locus ID:</b>	70086
<b>UniProt ID:</b>	<a href="#">Q920A1</a>
<b>Cytogenetics:</b>	14 D3
<b>Gene Summary:</b>	<p>Receptor for cysteinyl leukotrienes. The response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system. The rank order of affinities for the leukotrienes is LTC4 = LTD4 &gt;&gt; LTE4.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein. 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>