

Product datasheet for MC211035

Cysltr2 (NM_133720) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cysltr2 (NM_133720) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cysltr2
Synonyms:	2300001H05Rik; Cltr2; Cyslt2; CYSLT2R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211035 representing NM_133720 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAGTAACTGGGACCCAGCAGTTATAGTAACAGGAAGTACAATAGAAAACCTTTAAGAAGGAAT
TTTACCCCATCATATACCTGATAATATTTTTCTGGGGAGCCTTGGGAAATGGCTTTCCATATATGTCTT
TCTACAGACTTGAAGAAGTCCACATCTGTAATGTTTTCATGCTCAACCTGGCCACTCCGATTTTCTA
TTCATCAGCACCTTGGCCTTCAGGGCTGACTATTATTTTCAGAGGTTCCAATTGGATTTTGGGACTTGG
CCTGCAGAGTCATGTCTTATTCCTTATATGTCAACATGTATACTAGCATTATTTCTAACTGTGCTGAG
TGTGGTGCCTTCTGGCCACAGTCCACCCCTCCGGATGTTCCATGTCACCAAGTGTGAGGAGTGCCTGG
ATCCTCTGTGGATCATATGGGTTTTTCATCATGGCTTCTCAGCCCTGCTTCTGGTGAACGGCCAAGAGG
AGAAAGATAACATTATATCATGCTTGGAGCTGAGTCTCAAAGTTTAAAGTCTCCTGATCATGAACCA
CATTGCAGTAGCGGTAGGCTTCTTGCTCCCATTTCTCACGCTCACCGTCTGCTACCTGCTGATCATCCGG
ATCTTGTTAAAGGCTGAGATCCAGAATCAGGTCCACGTGCTGCTCATAGGAAGGCGTGACCACCATTG
TCATTGCCATGATCACCTTCTCCTCTGTTTTCTGCCATACCATGCACTGCGGACCCTCCACTTGGTCAC
ATGGGATAAAGATTCATGTGGGATGTGCTACATAAGGCCACAGTCATCACACTGACCATGGCTGCAGCC
AATAGCTGCTTCAATCCCTTTCTCTATTATTTTCTGGGAGAATTTCAAAGCTCGATTAAGGGCTATAT
TCAGCAAAGTTCATCTA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_133720



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Insert Size:	930 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:	<ol style="list-style-type: none">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:	<u>NM_133720.3</u> , <u>NP_598481.2</u>
RefSeq Size:	1802 bp
RefSeq ORF:	930 bp
Locus ID:	70086
UniProt ID:	<u>Q920A1</u>
Cytogenetics:	14 D3
Gene Summary:	<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 >> LTE4.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>