

Product datasheet for **MC204116**

Cysltr1 (NM_021476) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cysltr1 (NM_021476) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cysltr1
Synonyms:	BB147369; Cysl1; CysLT1R
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC027102
 CAGGAAGAAGAGTCGAGGTCTATTGGCTAGCAAATGTGCCATGGCCTGACCTCTCTCCTCTGAAAAAGAA
 ACATTCCTAAAGAGCAGGAGCCCTGTGAATGGAGTGGACCATCCCGAATATCCAGACTTATTTGAGCTC
 ACCATCCAGGGTTAGCTCACCAGGAGACTAGCAGGTTGGAATTTCTGAAGATTTGGATCTTGCTTCAGGG
 AGCAAAAGGACCTTAAACTGTGAAGCTTGAATCAGCAGCTTGAACGACTCTGACACTACAACATAAGA
 ACAGTGGCCACAGTAAGAAGGGAAGTTTGTGAAAGGTGCTGAGGTACCAGATAGAGGTTCCCTGTGTAT
 CCTAGGCTGATCTTAAATTCACCATCTTCTGCTTTGGCTTCTCAAGGGCTGTGATTGCAGAAATGTACC
 TCCAAGGCACCAAGCAGACATTCCTGGAGAACATGAATGGAACCTGAAAATCTGACGACATCTCTCATTAA
 TAACACGTGTCATGACACAATTGATGAATTCGCAATCAAGTATACTCCACTATGTATTCTGTGATCTCT
 GTTGTGGGTTTCTTTGGCAATAGCTTTGTGCTCTATGCTCCTATAAAAACATACCATGAGAAATCAGCCT
 TCCAAGTATACATGATTAATCTAGCCATAGCAGATCTACTCTGTGTATGTACATTGCCTCTCCGTGGT
 CTATTATGTTCAAAAAGGCAAGTGGCTCTTTGGTACTTTTTGTGCCGCCTCACCACCTATGCCTGTGAC
 GTTAACCTCTATTGTAGCATCTCTTTATGACAGCCATGAGCTTTTTCCGGTGTGTTGCAATTGTCTTTC
 CAGTCCAGAACATTAATTTGGTTACACAGAAAAAGCCAGTTTCGTTGCATTGGAAATTTGGATTTTTGT
 GATTTTGACAAGTTCTCCCTTTTAAATGTACAAATCTTACCAAGATGAGAAAAACAATACTAAATGCTTT
 GAGCCTCCACAGAAACAATCAAGTAAAAAATACGTTTTGATCTTGCAATTATGTGTATTATCTTTGGTT
 TCATCATCCCTTTTGTACCATAATTGTCTGTTACACAATGATCATTCTGACCTTACTAAAAATACAAT
 GAAGAAAAACATGCCAAGTCGTAGGAAGGCTATAGGGATGATCATAGTTGTGACAGCTGCCTTTTTAGTC
 AGCTTCATGCCATATCATATCAACGAACATCCACCTTACCTTTTACACAGTGAACCTAGACCCTGTG
 ATTCTGTCTTAGGATGCAGAAGTCAGTGGTCATAACCTATCTCTAGCTGCATCAAATTTGTTGCTTTGA
 TCCTCTGCTATATTTCTTTTCAGGTGAAAACCTTAGGAGAAGGCTATCTACATTTAGAAAAGCATTCTTTG
 TCCAGTATGACTTATGTACCCAAGAAGAAAGCTTCCCTGCCAGAAAAAGGAGAAGAAATATGTAACGAAT
 AATTCAAAACCTACCTACAGTGCAGAACAAATGAAAAAGAAATCCCTAACGAGTGTTTTTCTAAATCAAAA
 TTAATAAAAAAATGTTTTCCATTAATAGTTTACAATAAATTATATCTATTTTCATTTATAAAATACTATTATT
 TGATATTTAAGTGTTCAAACTCAATTTATAACTGTGAACTAACCCATAGATTTCTTTTTGAAGACTCA
 CCAGAACTGAAGAATGTTTATGGTTCTGAACTATAAACTGAGTATGAAATCAAGAATATAAAAGGGAT
 TTAAGGCTACCTACTAGACTTTTGTGTTTCAAGCTTTTAAATATAGTTTTAAATTAGCAATAGTCATC
 AGTCACCCTAACATCTCCCTTTGCATGCATGCCATCAGATGAGACCTGGAGATGACTCGGGACGTACATT
 TGGTCAGCCGTTTCTTTGTAGTACTGACTAGCTAGGTAAGTAGTGCCTGTCTTCCAGAAGAGAATGT
 TCAAGTACCAGAACAGACCAATATTCAGCCAAATAGCTCCACAGGCTGCATGAAATTTACAATATGGAAA
 AATAAGGAAGATAAATCTGATCAAAGGCCAGTTTGTCTTAATTTCTTCTGCCCCTGACTCAAGCACCG
 GCAAAAAGAAATGGTGTCTTGTCTCACAGTGGTCAATCCCTATTCTACCTATAATTCTTCTTAATAGTA
 AGGCAACTGGCATTCCCATATATGACAGAGAAGTCAAAATTCATCAGAAGTAAAGAAAATAGGCCCTACC
 TTTCTACATGAGATTTGTTGGAATCAAAATTTACTATGTTAGATAGCAGAAGAAAATTTGAATATCCATG
 TCATTAATACTTTAATAAGTATATGCATTTATATGTATGTATATAAATATATGTAATCTATCTTGTCT
 ATGATATGCATTTATTGTTAGTTAATTATGAGATTTATTGTTGTTTTATACTTATTTCTTTTTTATTAGC
 ATGTTGAAAGTAATTTGTTTACAGTGATTTTTATATTATAGCAGAAGCTTTGTTCTTAAACCAACCA
 TTGAAAACAGCTTGGTTGTGACTAAAATATGATATTCATTGACAAAAGTTTTGCTGAAGGCCACTTTTTTC
 CTAACTATGAGTTTCAAAGTCACATCAACTCAGAAGAAATAAATGATAGCAGAGATGGGAAAAAGAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_021476

Insert Size: 1059 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>BC027102</u> , <u>AAH27102</u>
RefSeq Size:	2689 bp
RefSeq ORF:	1059 bp
Locus ID:	58861
UniProt ID:	<u>Q99JA4</u>
Cytogenetics:	X D
Gene Summary:	<p>Receptor for cysteinyl leukotrienes mediating constriction of the microvascular smooth muscle during an inflammatory response. This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system. The rank order of affinities for the leukotrienes is LTD4 >> LTE4 = LTC4 >> LTB4.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a). Both variants 1 and 2 encode the same 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>