

Product datasheet for **SC200960**

CysLT1 (CYSLTR1) (NM_006639) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CysLT1 (CYSLTR1) (NM_006639) Human 3' UTR Clone
Symbol:	CysLT1
Synonyms:	CYSLT1; CYSLT1R; CYSLTR; HMTMF81
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006639
Insert Size:	1295 bp



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Insert Sequence:	>SC200960 3'UTR clone of NM_006639 The sequence shown below is from the reference sequence of NM_006639. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GAAAAAGGAGAAGAAATATGTAAAGTATAGTTTAAACCCATTTCCAGTCCAAACCAATGAAAATAGTTT CCCAAATAAGTATTTTGTCAAATCATTTACAAAAAATAAAAAATTTTACTTAATATTTTACAAATACT TAATAATTTGGGCTACAACCTATCTCATTTATGCATCCACATGATTAGATATTTATAGATATTTTAA GTGCTAAAAATTCGGTCCACAACATGAACCTGAATTATAAATAATTTTGACCACTCACCAGAATTTGGA GAATATTTTATCTTTGCACTATAAAATATGTCTTATATTAAGTTTCTCTTCAAATAAAAGCTTTA CAAACGATAAAATATATAAAATAGTCAATAAAAAATACATGCAAGCTAAAAGTTATAAAATATAAACT AGATATAAAATTTGGCAAATAGTTCTGAATCATTCTAACATATTCCTTTGCATGCATGCCATCAGATGAG AACTGGAGATGACTCAGGAGCTACATAAACGTACTGTCAACCCTCTTTGTAGTACTGATTGCTAGGC AAATTAGGGCATTCTTCCAAAAGAGAATGTAAAAGTGCTAGAACAGACTAGTATTGAGCTAAAGGGT CCTAAAAGCACCATACAATGTTCAATATGGCAACAGGAGAAATCTGGTCAAAAGCCAGTTTGTCTCCAG TTTTCTTCTGCCTTTGCCTCAGGCTCCCAAAATGAATAGTGGAGTTTGTAGTGTGCTGAGGTTCTCT GTAGAGATTTCTCTCCATCCATGACATATAATTCTTCTTAAGAAGCCAGACAACCTGGCACTCCTATAT ATAAATAGAAGTAATTAATAAATCTATCTGAAGAAGAGAAAAGGAAAGGAATCTACTTTTCTATATGCC AATTGCTGGGATCAAAATAAACTACAAAGGATTATGAAGAAAATTGTGAATGTTACATTACAAATTC TTTAAAGAAGTGCATACATTTATGTATATGTATACAACATATATGAAGAGATTTTGTGTATGATATGC ATTATGGGTGAAAGTTCACGATAAGTTTATTATTGCTTTATTACTTTTATTGGTATGTTGACAGGAA TATCATGGATATGTTTACAGTGACTTTTATATTACAGTGGACGCTTTGATCTTAAACAGCCACAACAA CTCATCTACGGCTGAAATATAATATGCGTGGACAAGCTTTTGTGAAGTGTAGTGTGCTCTTAAGTTT GTTTTTAAAAAGTAACCTACCTCAGAAGAAATAAATAACTATAAAGAAAAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	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).
Components:	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.
RefSeq:	NM_006639.4
Summary:	This gene encodes a member of the G-protein coupled receptor 1 family. The encoded protein is a receptor for cysteinyl leukotrienes, and is involved in mediating bronchoconstriction via activation of a phosphatidylinositol-calcium second messenger system. Activation of the encoded receptor results in contraction and proliferation of bronchial smooth muscle cells, eosinophil migration, and damage to the mucus layer in the lung. Upregulation of this gene is associated with asthma and dysregulation may also be implicated in cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]

Locus ID: 10800

MW: 50.9