

Product datasheet for **SC214051**

Leukotriene B4 Receptor (LTB4R) (NM_181657) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Leukotriene B4 Receptor (LTB4R) (NM_181657) Human 3' UTR Clone
Symbol:	Leukotriene B4 Receptor
Synonyms:	BLT1; BLTR; CMKRL1; GPR16; LTB4R1; LTBR1; P2RY7; P2Y7
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_181657
Insert Size:	1373 bp



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Insert Sequence:	>SC214051 3'UTR clone of NM_181657 The sequence shown below is from the reference sequence of NM_181657. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC AGCCCTCTCAAGTTAAACGAACTGAACAGGCCTGGTGAAGGAGGCGCACTTTCTCTGGCAGAATG CTAGCTCTGAGCCAGTTCACTACCTGGAGGAGGAGGAGGCGTGGAGGGCGTGGAGGGCGTGGGAGCG TGGGAGGCGGGAGTGGAGTGGAAGAAGAGGGAGAGGTGGAGCAAAGTGAGGGCCGAGTGAGAGCGTGCT CCAGCCTGGCTCCACAGGCAGCTTTAACCATTAAACTGAAGTCTGAAATTTGGTCAACCTTGTGAGT GGGGTACATGTGCTGTGGGTATCGGGGTCTCGTGGGCGCCCTGGTGGGGCCCTCTCGGTAGTTGAGA GTCACGTCCTTTAGTTCCCATGATTTACAATTTTGAAGGGACACAAAGAAACATAGACTTCCCCCAT CCCAGATGATTCCGAGTACATAGTCTGCAGATAATACTTAGCAAAACGCAGTCTACAGACTCCTAAAGC AGCTTGCTAGGAAGACCACCCATGTGGGCTTACTACTCCAGGTTCTGTGACCCGGGACCTTCTGAGAA AACAGCACTGCTGTGAAATATCTTCCTGAAGCCTGTGATAAGTCTCCTGTGTAATGACTCCAACCTT CCTGCCAATAATCTTTGTCTCTCCATAGGAGATGTTCTAGGGGATGCCTTCCTTCCCTCCATTTTACA AAGAGGCCAGACTTGAGGACTAAGTCATTAGATCTTATCCCTTAGAATTTTGCATATCAGCATCTGCTA ACCTCCACAACACACCCTGGCACAGGTGGGGCTGAGGGCCCCAGGAAACAAAGATTCCTCAAAAGTGAG AGGGATGAGTCATTATTTCTAGAGATGACTGTTGTTTTAGAGAACCTTGGTCCAACCTCTGTTCTGACA AGGTTTTAGGAAGATGGCAACAACAGTGGCAGCAGTGTACTTTTTGGATCTTTCTATAAAAAACAAA AGAGCAAGTAAGAGAGGGAAACCAATATCCACATGCAACATCCGCAACAATCTAGTATGTCAAGGTT TGACATACTCCCATGGACCCCAAAGTATGAGCCAGTGAGAATGAGTCATCAATATCTCAAGACCCATAT ACCAGCATCTGTGCAGAAGGATGCAGAAGGAAGCAAAAGGATGTTGGATGGACCTAAGAAGAGGAGATC CCCAAGCTGTCTACAGATCCTTACTGGAAGGTATGGTGCACCAATTTGAGAACAGCAGCTGAAACTGGG AGGGACCTAACGGAGTATTTCCAGTCCTCTCGCCCATTTCTGTATGGTGAACACATAATAGGTACTTAT TTAGTGTTGTGCAATTAATAAAGTTCAAATGACATTTCCCTGGAAAAAAAAAAAAAAAAAAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
Restriction Sites:	SgfI-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_181657.3
Summary:	Receptor for extracellular ATP > UTP and ADP. The activity of this receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system. May be the cardiac P2Y receptor involved in the regulation of cardiac muscle contraction through modulation of L-type calcium currents. Is a receptor for leukotriene B4, a potent chemoattractant involved in inflammation and immune response.[UniProtKB/Swiss-Prot Function]
Locus ID:	1241

MW: 52.1