

Product datasheet for **RC202433L3V**

Leukotriene B4 Receptor (LTB4R) (NM_181657) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Leukotriene B4 Receptor (LTB4R) (NM_181657) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | Leukotriene B4 Receptor |
| Synonyms: | BLT1; BLTR; CMKRL1; GPR16; LTB4R1; LTBR1; P2RY7; P2Y7 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_181657 |
| ORF Size: | 1056 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC202433). |
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| RefSeq: | NM_181657.1 |
| RefSeq Size: | 4331 bp |
| RefSeq ORF: | 1059 bp |
| Locus ID: | 1241 |
| UniProt ID: | Q15722 |
| Cytogenetics: | 14q12 |
| Protein Families: | Druggable Genome, GPCR, Transmembrane |
| Protein Pathways: | Neuroactive ligand-receptor interaction |



[View online »](#)

MW: 37.6 kDa

Gene 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]