

Product datasheet for **RC214163L3V**

Leukotriene B4 Receptor 2 (LTB4R2) (NM_019839) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Leukotriene B4 Receptor 2 (LTB4R2) (NM_019839) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Leukotriene B4 Receptor 2
Synonyms:	BLT2; BLTR2; JULF2; KPG_004; LTB4-R 2; LTB4-R2; NOP9
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_019839
ORF Size:	1167 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214163).
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_019839.1
RefSeq Size:	2799 bp
RefSeq ORF:	1077 bp
Locus ID:	56413
UniProt ID:	Q9NPC1
Cytogenetics:	14q12
Protein Families:	Druggable Genome, GPCR, Transmembrane



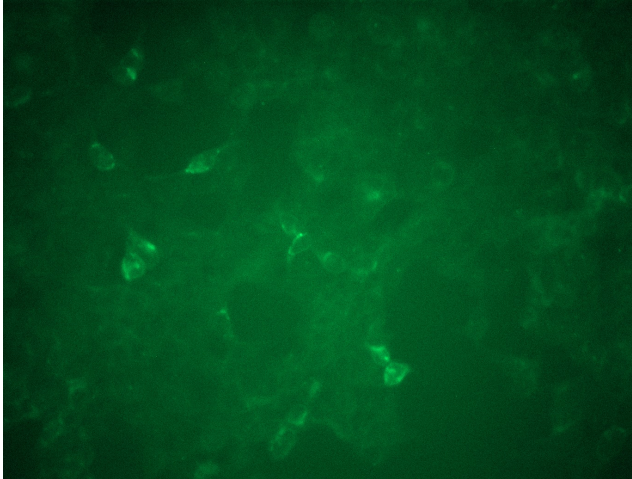
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Protein Pathways: Calcium signaling pathway, Neuroactive ligand-receptor interaction

MW: 41.5 kDa

Gene Summary: Low-affinity receptor for leukotrienes including leukotriene B4. Mediates chemotaxis of granulocytes and macrophages. The response is mediated via G-proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of affinities for the leukotrienes is LTB4 > 12-epi-LTB4 > LTB5 > LTB3.[UniProtKB/Swiss-Prot Function]

Product images:



[RC214163L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC214163L3V particle to overexpress human LTB4R2-Myc-DDK fusion protein.