

Product datasheet for **RC228287L4V**

Leukotriene B4 Receptor 2 (LTB4R2) (NM_001164692) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Leukotriene B4 Receptor 2
Synonyms:	BLT2; BLTR2; JULF2; KPG_004; LTB4-R 2; LTB4-R2; NOP9
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001164692
ORF Size:	1074 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC228287).

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_001164692.1](#), [NP_001158164.1](#)

RefSeq ORF: 1077 bp

Locus ID: 56413

UniProt ID: [Q9NPC1](#)

Cytogenetics: 14q12

Protein Families: Druggable Genome, GPCR, Transmembrane



Protein Pathways:	Calcium signaling pathway, Neuroactive ligand-receptor interaction
MW:	37.8 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]