

Product datasheet for **RC222711L4V**

CysLT2 (CYSLTR2) (NM_020377) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CysLT2 (CYSLTR2) (NM_020377) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CysLT2
Synonyms:	CYSLT2; CYSLT2R; GPCR21; HG57; hGPCR21; HPN321; KPG_011; PSEC0146
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_020377
ORF Size:	1038 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222711).
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_020377.2
RefSeq Size:	2548 bp
RefSeq ORF:	1041 bp
Locus ID:	57105
UniProt ID:	Q9NS75
Cytogenetics:	13q14.2
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane



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

MW: 39.5 kDa

Gene Summary: The cysteinyl leukotrienes LTC₄, LTD₄, and LTE₄ are important mediators of human bronchial asthma. Pharmacologic studies have determined that cysteinyl leukotrienes activate at least 2 receptors, the protein encoded by this gene and CYSLTR1. This encoded receptor is a member of the superfamily of G protein-coupled receptors. It seems to play a major role in endocrine and cardiovascular systems. [provided by RefSeq, Jul 2008]