

Product datasheet for **MR205348L4V**

Cysltr1 (NM_021476) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cysltr1 (NM_021476) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cysltr1
Synonyms:	BB147369; Cysl1; CysLT1R
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021476
ORF Size:	1056 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205348).
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_021476.5 , NP_067451.2
RefSeq Size:	2979 bp
RefSeq ORF:	1059 bp
Locus ID:	58861
UniProt ID:	Q99JA4
Cytogenetics:	X D



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Gene Summary:

Receptor for cysteinyl leukotrienes mediating constriction of the microvascular smooth muscle during an inflammatory response. This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system. The rank order of affinities for the leukotrienes is LTD4 >> LTE4 = LTC4 >> LTB4.[UniProtKB/Swiss-Prot Function]