

Product datasheet for **RC207617L4V**

Leukotriene A4 hydrolase (LTA4H) (NM_000895) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Leukotriene A4 hydrolase (LTA4H) (NM_000895) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Leukotriene A4 hydrolase
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000895
ORF Size:	1833 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207617).
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_000895.1
RefSeq Size:	2214 bp
RefSeq ORF:	1836 bp
Locus ID:	4048
UniProt ID:	P09960
Cytogenetics:	12q23.1
Domains:	Peptidase_M1
Protein Families:	Druggable Genome, Protease
Protein Pathways:	Arachidonic acid metabolism, Metabolic pathways



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MW: 69.3 kDa

Gene Summary: The protein encoded by this gene is an enzyme that contains both hydrolase and aminopeptidase activities. The hydrolase activity is used in the final step of the biosynthesis of leukotriene B4, a proinflammatory mediator. The aminopeptidase activity has been shown to degrade proline-glycine-proline (PGP), a neutrophil chemoattractant and biomarker for chronic obstructive pulmonary disease (COPD). Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]