

Product datasheet for **RC203741L4V**

LTA (NM_000595) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	LTA (NM_000595) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LTA
Synonyms:	LT; TNFB; TNFSF1; TNLG1E
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000595
ORF Size:	615 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203741).
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_000595.1
RefSeq Size:	1423 bp
RefSeq ORF:	618 bp
Locus ID:	4049
UniProt ID:	P01374
Cytogenetics:	6p21.33
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane



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Protein Pathways:	Antigen processing and presentation, Cytokine-cytokine receptor interaction, Type I diabetes mellitus
MW:	22.3 kDa
Gene Summary:	The encoded protein, a member of the tumor necrosis factor family, is a cytokine produced by lymphocytes. The protein is highly inducible, secreted, and forms heterotrimers with lymphotoxin-beta which anchor lymphotoxin-alpha to the cell surface. This protein also mediates a large variety of inflammatory, immunostimulatory, and antiviral responses, is involved in the formation of secondary lymphoid organs during development and plays a role in apoptosis. Genetic variations in this gene are associated with susceptibility to leprosy type 4, myocardial infarction, non-Hodgkin's lymphoma, and psoriatic arthritis. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Jul 2012]