

## Product datasheet for **RC204852L2V**

### Granzyme A (GZMA) (NM\_006144) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Granzyme A (GZMA) (NM_006144) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Granzyme A
Synonyms:	CTLA3; HFSP
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_006144
ORF Size:	786 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204852).
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. <a href="#">More info</a>
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:	<a href="#">NM_006144.2</a>
RefSeq Size:	913 bp
RefSeq ORF:	789 bp
Locus ID:	3001
UniProt ID:	<a href="#">P12544</a>
Cytogenetics:	5q11.2
Domains:	Tryp_SPc
Protein Families:	Druggable Genome, Protease, Secreted Protein



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**Protein Pathways:** Neuroactive ligand-receptor interaction

**MW:** 29 kDa

**Gene Summary:** Cytolytic T lymphocytes (CTL) and natural killer (NK) cells share the remarkable ability to recognize, bind, and lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface 'nonself' antigens, usually peptides or proteins resulting from infection by intracellular pathogens. The protein described here is a T cell- and natural killer cell-specific serine protease that may function as a common component necessary for lysis of target cells by cytotoxic T lymphocytes and natural killer cells. [provided by RefSeq, Jul 2008]