

Product datasheet for **RC220369L3V**

GNLY (NM_012483) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GNLY (NM_012483) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GNLY
Synonyms:	D2S69E; LAG-2; LAG2; NKG5; TLA519
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_012483
ORF Size:	390 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220369).
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_012483.2
RefSeq Size:	995 bp
RefSeq ORF:	393 bp
Locus ID:	10578
UniProt ID:	P22749
Cytogenetics:	2p11.2
Protein Families:	Secreted Protein
MW:	14.7 kDa



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Gene Summary:

The product of this gene is a member of the saposin-like protein (SAPLIP) family and is located in the cytotoxic granules of T cells, which are released upon antigen stimulation. This protein is present in cytotoxic granules of cytotoxic T lymphocytes and natural killer cells, and it has antimicrobial activity against *M. tuberculosis* and other organisms. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]