

## Product datasheet for **RC207798L4V**

### Granzyme K (GZMK) (NM\_002104) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Granzyme K (GZMK) (NM_002104) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Granzyme K
Synonyms:	TRYP2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002104
ORF Size:	792 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207798).
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_002104.2</a>
RefSeq Size:	1074 bp
RefSeq ORF:	795 bp
Locus ID:	3003
UniProt ID:	<a href="#">P49863</a>
Cytogenetics:	5q11.2
Domains:	Tryp_SpC
Protein Families:	Druggable Genome, Protease, Secreted Protein, Transmembrane



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**MW:** 28.9 kDa

**Gene Summary:** This gene product is a member of a group of related serine proteases from the cytoplasmic granules of cytotoxic lymphocytes. 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 lacks consensus sequences for N-glycosylation present in other granzymes. [provided by RefSeq, Jul 2008]