

## Product datasheet for **RC208275L3V**

### Cathepsin W (CTSW) (NM\_001335) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Cathepsin W (CTSW) (NM_001335) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Cathepsin W
Synonyms:	LYPN
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001335
ORF Size:	1128 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208275).
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_001335.3</a> , <a href="#">NP_001326.2</a>
RefSeq Size:	1327 bp
RefSeq ORF:	1131 bp
Locus ID:	1521
UniProt ID:	<a href="#">P56202</a>
Cytogenetics:	11q13.1
Protein Families:	Druggable Genome, Protease
Protein Pathways:	Lysosome



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**MW:** 42.1 kDa

**Gene Summary:** The protein encoded by this gene, a member of the peptidase C1 family, is a cysteine proteinase that may have a specific function in the mechanism or regulation of T-cell cytolytic activity. The encoded protein is found associated with the membrane inside the endoplasmic reticulum of natural killer and cytotoxic T-cells. Expression of this gene is up-regulated by interleukin-2. [provided by RefSeq, Jul 2008]