

Product datasheet for **RC208341L4V**

Cathepsin Z (CTSZ) (NM_001336) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cathepsin Z (CTSZ) (NM_001336) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Cathepsin Z
Synonyms:	CTSX
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001336
ORF Size:	909 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208341).
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_001336.2
RefSeq Size:	1517 bp
RefSeq ORF:	912 bp
Locus ID:	1522
UniProt ID:	Q9UBR2
Cytogenetics:	20q13.32
Domains:	Pept_C1
Protein Families:	Druggable Genome, Protease



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Protein Pathways: Lysosome

MW: 33.9 kDa

Gene Summary: The protein encoded by this gene is a lysosomal cysteine proteinase and member of the peptidase C1 family. It exhibits both carboxy-monopeptidase and carboxy-dipeptidase activities. The encoded protein has also been known as cathepsin X and cathepsin P. This gene is expressed ubiquitously in cancer cell lines and primary tumors and, like other members of this family, may be involved in tumorigenesis. [provided by RefSeq, Oct 2008]