

Product datasheet for **RC219396L4V**

Cathepsin V (CTSV) (NM_001333) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cathepsin V (CTSV) (NM_001333) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Cathepsin V
Synonyms:	CATL2; CTSL2; CTSU
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001333
ORF Size:	1002 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219396).
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_001333.2
RefSeq Size:	1496 bp
RefSeq ORF:	1005 bp
Locus ID:	1515
UniProt ID:	O60911
Cytogenetics:	9q22.33
Domains:	Pept_C1
Protein Families:	Druggable Genome, Protease



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Protein Pathways: Lysosome

MW: 37.1 kDa

Gene Summary: The protein encoded by this gene, a member of the peptidase C1 family, is a lysosomal cysteine proteinase that may play an important role in corneal physiology. This gene is expressed in colorectal and breast carcinomas but not in normal colon, mammary gland, or peritumoral tissues, suggesting a possible role for this gene in tumor processes. Alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jan 2011]