

## Product datasheet for **RC206604L4V**

### Cathepsin E (CTSE) (NM\_001910) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Cathepsin E (CTSE) (NM_001910) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Cathepsin E
Synonyms:	CATE
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001910
ORF Size:	1188 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206604).
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_001910.2</a>
RefSeq Size:	2228 bp
RefSeq ORF:	1191 bp
Locus ID:	1510
UniProt ID:	<a href="#">P14091</a>
Cytogenetics:	1q32.1
Domains:	asp
Protein Families:	Druggable Genome, Protease


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**Protein Pathways:** Lysosome

**MW:** 42.79 kDa

**Gene Summary:** This gene encodes a member of the A1 family of peptidases. Alternative splicing of this gene results in multiple transcript variants. At least one of these variants encodes a preproprotein that is proteolytically processed to generate the mature enzyme. This enzyme, an aspartic endopeptidase, may be involved in antigen processing and the maturation of secretory proteins. Elevated expression of this gene has been observed in neurodegeneration. [provided by RefSeq, Nov 2015]