

Product datasheet for **MR226323L4V**

Ctsg (NM_007800) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ctsg (NM_007800) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ctsg
Synonyms:	CatG; VSP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007800
ORF Size:	786 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226323).
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_007800.1 , NP_031826.1
RefSeq Size:	1004 bp
RefSeq ORF:	786 bp
Locus ID:	13035
UniProt ID:	P28293
Cytogenetics:	14 28.19 cM



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Gene Summary:

This gene encodes a member of the peptidase S1 (chymotrypsin) family of serine endopeptidases. The encoded preproprotein is proteolytically processed to generate a mature protein product. This product appears to play a role in host defense, including inflammation and antigen processing. Homozygous knockout mice for this gene exhibit enhanced susceptibility to bacterial and fungal infection. [provided by RefSeq, Aug 2015]