

Product datasheet for **MR205097L3V**

Ctss (NM_021281) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ctss (NM_021281) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ctss
Synonyms:	Cats
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_021281
ORF Size:	1023 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205097).
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_021281.1 , NP_067256.1
RefSeq Size:	1357 bp
RefSeq ORF:	1023 bp
Locus ID:	13040
UniProt ID:	O70370
Cytogenetics:	3 40.74 cM



[View online »](#)

Gene Summary:

This gene encodes a member of the peptidase C1 (papain) family of cysteine proteases. Alternative splicing results in multiple transcript variants, which encode preproproteins that are proteolytically processed to generate mature protein products. This enzyme is secreted by antigen-presenting cells during inflammation and may induce pain and itch via activation of G-protein coupled receptors. Homozygous knockout mice for this gene exhibit impaired wound healing, reduced tumorigenesis in a pancreatic cancer model, and reduced pathogenesis in a myasthenia gravis model. [provided by RefSeq, Aug 2015]