

OriGene Technologies, Inc.

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Product datasheet for MR205097L3V

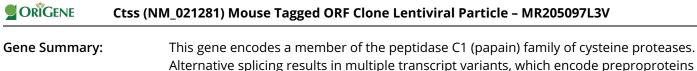
Ctss (NM_021281) Mouse Tagged ORF Clone Lentiviral Particle

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. <u>More info</u> |
| 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: | <u>NM 021281.1, NP 067256.1</u> |
| RefSeq Size: | 1357 bp |
| RefSeq ORF: | 1023 bp |
| Locus ID: | 13040 |
| UniProt ID: | <u>070370</u> |
| Cytogenetics: | 3 40.74 cM |



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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]

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