

Product datasheet for **MR208108L3V**

Serping1 (NM_009776) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Serping1 (NM_009776) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Serping1 |
| Synonyms: | C1INH; C1nh |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_009776 |
| ORF Size: | 1512 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR208108). |
| 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_009776.1 , NP_033906.2 |
| RefSeq Size: | 1775 bp |
| RefSeq ORF: | 1515 bp |
| Locus ID: | 12258 |
| UniProt ID: | P97290 |
| Cytogenetics: | 2 D |



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Gene Summary:

Activation of the C1 complex is under control of the C1-inhibitor. It forms a proteolytically inactive stoichiometric complex with the C1r or C1s proteases. May play a potentially crucial role in regulating important physiological pathways including complement activation, blood coagulation, fibrinolysis and the generation of kinins. Very efficient inhibitor of FXIIa. May inhibit chymotrypsin and kallikrein.[UniProtKB/Swiss-Prot Function]