

## Product datasheet for **RC202138L2V**

### **SERPINB1 (NM\_030666) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | SERPINB1 (NM_030666) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | SERPINB1   |
| Synonyms:                 | EI; ELANH2; HEL-S-27; HEL57; LEI; M/NEI; MNEI; PI-2; PI2   |
| Mammalian Cell Selection: | None   |
| Vector:                   | pLenti-C-mGFP (PS100071)   |
| Tag:                      | mGFP   |
| ACCN:                     | NM_030666  |
| ORF Size:                 | 1137 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC202138).   |
| 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_030666.2</a>  |
| RefSeq Size:              | 2678 bp  |
| RefSeq ORF:               | 1140 bp  |
| Locus ID:                 | 1992   |
| UniProt ID:               | <a href="#">P30740</a>   |
| Cytogenetics:             | 6p25.2   |
| Domains:                  | SERPIN   |
| Protein Families:         | Druggable Genome   |



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**MW:** 42.7 kDa

**Gene Summary:** The protein encoded by this gene is a member of the serpin family of proteinase inhibitors. Members of this family maintain homeostasis by neutralizing overexpressed proteinase activity through their function as suicide substrates. This protein inhibits the neutrophil-derived proteinases neutrophil elastase, cathepsin G, and proteinase-3 and thus protects tissues from damage at inflammatory sites. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]