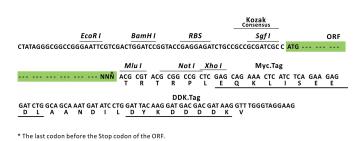


## Product datasheet for RC227630L3

## SERPINE2 (NM\_001136528) Human Tagged Lenti ORF Clone

## **Product data:**

| Product Type:                | Expression Plasmids  |
|------------------------------|--|
| Product Name:                | SERPINE2 (NM_001136528) Human Tagged Lenti ORF Clone                                 |
| Tag:                         | Myc-DDK  |
| Symbol:                      | SERPINE2   |
| Synonyms:                    | GDN; GDNPF; PI-7; PI7; PN-1; PN1; PNI  |
| Mammalian Cell<br>Selection: | Puromycin  |
| Vector:                      | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| E. coli Selection:           | Chloramphenicol (34 ug/mL)   |
| ORF Nucleotide<br>Sequence:  | The ORF insert of this clone is exactly the same as(RC227630).                       |
| <b>Restriction Sites:</b>    | Sgfl-Mlul  |
| Cloning Scheme:              |  |
|                              | Cloning sites used for ORF Shuttling:  |
|                              | Sgf I         ORF         Mlu I           GCG ATC GC         ATG NNÑ         ACG CGT |



ACCN: NM\_001136528 ORF Size: 1191 bp

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## OriGene Technologies, Inc.

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| SERPINE2 (NM_001136528) Human Tagged Lenti ORF Clone – RC227630L3 |  |
|---|--|
| 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.   |
| Components:   | The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).   |
| Reconstitution Method:  | <ol> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ol> |
| RefSeq:   | <u>NM 001136528.1</u>  |
| RefSeq Size:  | 2256 bp  |
| RefSeq ORF:   | 1194 bp  |
| Locus ID:   | 5270   |
| UniProt ID:   | <u>P07093</u>  |
| Cytogenetics:   | 2q36.1   |
| Protein Families:   | Druggable Genome, Secreted Protein   |
| MW:   | 44 kDa   |
| Gene Summary:   | This gene encodes a member of the serpin family of proteins, a group of proteins that inhibit<br>serine proteases. Thrombin, urokinase, plasmin and trypsin are among the proteases that this<br>family member can inhibit. This gene is a susceptibility gene for chronic obstructive<br>pulmonary disease and for emphysema. Alternative splicing results in multiple transcript<br>variants. [provided by RefSeq, Aug 2012]   |

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