# Product datasheet for RC223880L3V

## SERPINB8 (NM_002640) Human Tagged ORF Clone Lentiviral Particle

## Product data:

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|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | SERPINB8 (NM_002640) Human Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | SERPINB8 |
| **Synonyms:** | C18orf53; CAP2; PI-8; PI8; PSS5 |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| **Tag:** | Myc-DDK |
| **ACCN:** | NM_002640 |
| **ORF Size:** | 1122 bp |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(RC223880). |
| **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_002640.3 |
| **RefSeq Size:** | 3390 bp |
| **RefSeq ORF:** | 1125 bp |
| **Locus ID:** | 5271 |
| **UniProt ID:** | P50452 |
| **Cytogenetics:** | 18q22.1 |
| **Domains:** | SERPIN |
| **Protein Families:** | Druggable Genome |

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**MW:**          42.6 kDa

**Gene Summary:**          The protein encoded by this gene is a member of the ov-serpin family of serine protease inhibitors. The encoded protein is produced by platelets and can bind to and inhibit the function of furin, a serine protease involved in platelet functions. In addition, this protein has been found to enhance the mechanical stability of cell-cell adhesion in the skin, and defects in this gene have been associated with an autosomal-recessive form of exfoliative ichthyosis. [provided by RefSeq, Jan 2017]