

Product datasheet for **RC202138L4V**

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:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
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. 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_030666.2
RefSeq Size:	2678 bp
RefSeq ORF:	1140 bp
Locus ID:	1992
UniProt ID:	P30740
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]