

Product datasheet for **RC200668L4V**

SERPINB6 (NM_004568) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SERPINB6 (NM_004568) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SERPINB6
Synonyms:	CAP; DFNB91; MSTP057; PI-6; PI6; PTI; SPI3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004568
ORF Size:	1128 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200668).
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_004568.4
RefSeq Size:	1665 bp
RefSeq ORF:	1131 bp
Locus ID:	5269
UniProt ID:	P35237
Cytogenetics:	6p25.2
Domains:	SERPIN
Protein Families:	Druggable Genome



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MW: 42.4 kDa

Gene Summary: The protein encoded by this gene is a member of the serpin (serine proteinase inhibitor) superfamily, and ovalbumin(ov)-serpin subfamily. It was originally discovered as a placental thrombin inhibitor. The mouse homolog was found to be expressed in the hair cells of the inner ear. Mutations in this gene are associated with nonsyndromic progressive hearing loss, suggesting that this serpin plays an important role in the inner ear in the protection against leakage of lysosomal content during stress, and that loss of this protection results in cell death and sensorineural hearing loss. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2010]