

Product datasheet for **MR205963L4V**

Serpinb1b (NM_173052) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Serpinb1b (NM_173052) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Serpinb1b
Synonyms:	6330533H24Rik; EIB; ovalbumin; Serpin1b1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_173052
ORF Size:	1149 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205963).
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_173052.1
RefSeq Size:	1729 bp
RefSeq ORF:	1149 bp
Locus ID:	282663
UniProt ID:	Q8VHP7
Cytogenetics:	13 13.81 cM



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Gene Summary:

Regulates the activity of the neutrophil proteases. Forms only a stable complex with CTSG/Cathepsin G (PubMed:12189154). During inflammation, limits the activity of inflammatory caspases CASP1 and CASP4 by suppressing their caspase-recruitment domain (CARD) oligomerization and enzymatic activation (PubMed:30692621).[UniProtKB/Swiss-Prot Function]