

Product datasheet for **MR206454L4V**

Serpini1 (NM_009250) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Serpini1 (NM_009250) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Serpini1
Synonyms:	AI837402; Ns; PI-12; PI12; Spi17
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009250
ORF Size:	1233 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206454).
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_009250.1 , NP_033276.1
RefSeq Size:	3133 bp
RefSeq ORF:	1233 bp
Locus ID:	20713
UniProt ID:	O35684
Cytogenetics:	3 E3



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Gene Summary:

Serine protease inhibitor that inhibits plasminogen activators and plasmin but not thrombin (PubMed:9364046, PubMed:11557034). May be involved in the formation or reorganization of synaptic connections as well as for synaptic plasticity in the adult nervous system. May protect neurons from cell damage by tissue-type plasminogen activator (Probable). [UniProtKB/Swiss-Prot Function]