

Product datasheet for **MR207423L4V**

Serpinc1 (NM_080844) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Serpinc1 (NM_080844) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Serpinc1
Synonyms:	AI114908; At-3; At3; ATIII
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_080844
ORF Size:	1398 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207423).
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_080844.3
RefSeq Size:	2171 bp
RefSeq ORF:	1398 bp
Locus ID:	11905
UniProt ID:	P32261
Cytogenetics:	1 69.75 cM



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Gene Summary:

Most important serine protease inhibitor in plasma that regulates the blood coagulation cascade. AT-III inhibits thrombin, matriptase-3/TMPRSS7, as well as factors IXa, Xa and XIa. Its inhibitory activity is greatly enhanced in the presence of heparin (By similarity).
[UniProtKB/Swiss-Prot Function]