

Product datasheet for **MR207160L4V**

Serpina10 (NM_144834) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Serpina10 (NM_144834) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Serpina10
Synonyms:	P; PZI; ZPI
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_144834
ORF Size:	1347 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207160).
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_144834.3
RefSeq Size:	1617 bp
RefSeq ORF:	1347 bp
Locus ID:	217847
UniProt ID:	Q8R121
Cytogenetics:	12 E



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Gene Summary:

The protein encoded by this gene is a member of the large serpin family of proteins, and is also known as serpin PZ-dependent protease inhibitor (ZPI or PZI). This protein is thought to play an important role in the regulation of coagulation. It directly inhibits factor XIa, and also inhibits factor Xa in the presence of calcium, phospholipids, and protein Z (PZ). Deficiencies in this gene lead to an increase in thrombosis. Alternative splicing results in multiple transcript variants that encode multiple protein isoforms. [provided by RefSeq, Aug 2014]