Product datasheet for TL517693V

Serpinb6d Mouse shRNA Lentiviral Particle (Locus ID 238568)

Product data:

Product Type:	shRNA Lentiviral Particles
Product Name:	Serpinb6d Mouse shRNA Lentiviral Particle (Locus ID 238568)
Locus ID:	238568
Synonyms:	Gm11390; SP; SPI3D
Vector:	pGFP-C-shLenti (TR30023)
Format:	Lentiviral particles
Components:	Serpinb6d - Mouse shRNA lentiviral particles (4 unique 29mer target-specific shRNA, 1 scramble control), 0.5 ml each, >10^7 TU/ml.
RefSeq:	NM_001076790, NM_001300892, NM_001076790.1, NM_001076790.2, NM_001300892.1, BC147559
Summary:	This gene is a member of the large Serpin gene family. Many members of this family act as protease inhibitors, and have a conserved structure including a reactive center loop (RCL) that can act as a bait for protease targets. Unlike some members of this large gene family, the protein encoded by this gene is an intracellular protein, and lacks an N-terminal signal peptide sequence. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 13. [provided by RefSeq, Jul 2014]
shRNA Design:	These shRNA constructs were designed against multiple splice variants at this gene locus. To be certain that your variant of interest is targeted, please contact techsupport@origene.com. If you need a special design or shRNA sequence, please utilize our custom shRNA service.

View online »

Performance Guaranteed:	OriGene guarantees that the sequences in the shRNA expression cassettes are verified to correspond to the target gene with 100% identity. One of the four constructs at minimum are guaranteed to produce 70% or more gene expression knock-down provided a minimum transfection efficiency of 80% is achieved. Western Blot data is recommended over qPCR to evaluate the silencing effect of the shRNA constructs 72 hrs post transfection. To properly assess knockdown, the gene expression level from the included scramble control vector must be used in comparison with the target-specific shRNA transfected samples. For non-conforming shRNA, requests for replacement product must be made within ninety (90) days from the date of delivery of the shRNA kit. To arrange for a free replacement with newly designed constructs, please contact Technical Services at techsupport@origene.com. Please provide your data indicating the transfection efficiency and measurement of gene expression knockdown compared to the scrambled shRNA control (Western Blot data preferred).