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Product datasheet for TL511128V

Slit2 Mouse shRNA Lentiviral Particle (Locus ID 20563)

Product data:

Product Type:	shRNA Lentiviral Particles
Product Name:	Slit2 Mouse shRNA Lentiviral Particle (Locus ID 20563)
Locus ID:	20563
Synonyms:	b2b1200.1Clo; Drad; Drad-1; E030015M03Rik; E130320P19Rik; mKIAA4141; S; Slil3; slit-2
Vector:	pGFP-C-shLenti (TR30023)
Format:	Lentiviral particles
Components:	Slit2 - Mouse shRNA lentiviral particles (4 unique 29mer target-specific shRNA, 1 scramble control), 0.5 ml each, >10^7 TU/ml.
RefSeq:	NM_001291227, NM_001291228, NM_178804, NR_111900, NM_178804.2, NM_178804.3, NM_178804.4, NM_178804.5, NM_001291228.1, NM_001291228.2, NM_001291227.1, NM_001291227.2, BC059267, BC079911, BC145487, BC145488, BC150779
UniProt ID:	Q9R1B9
Summary:	The protein encoded by this gene is a member of the Slit family of secreted glycoproteins, which function as ligands for the Robo family of immunoglobulin receptors. Slit proteins play highly conserved roles in axon guidance and neuronal migration and may also have functions during other cell migration processes including leukocyte migration. In mammals, members of the slit family are characterized by an N-terminal signal peptide, four leucine-rich repeats, nine epidermal growth factor repeats, and a C-terminal cysteine knot. Mice deficient for this gene exhibit abnormal axonal projections in the embryonic forebrain and develop supernumerary uretic buds that maintain improper connections to the nephric duct. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015]
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.

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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).