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Product datasheet for TL712930V

Nbn Rat shRNA Lentiviral Particle (Locus ID 85482)

Product data:

Product Type:	shRNA Lentiviral Particles
Product Name:	Nbn Rat shRNA Lentiviral Particle (Locus ID 85482)
Locus ID:	85482
Synonyms:	Nbs1
Vector:	pGFP-C-shLenti (TR30023)
Format:	Lentiviral particles
Components:	Nbn - Rat shRNA lentiviral particles (4 unique 29mer target-specific shRNA, 1 scramble control), 0.5 ml each, >10^7 TU/ml.
RefSeq:	NM_138873, NM_138873.1, NM_138873.2, BC085700
UniProt ID:	Q9JIL9
Summary:	may be involved in regulation of cardiomyocyte proliferation; may act in a complex with MRE11 and RAD50 to play roles in DNA repair, activation of cell cycle checkpoints, and telomere maintenance [RGD, Feb 2006]
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.
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).

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