

Product datasheet for TL309906

RBMS2 Human shRNA Plasmid Kit (Locus ID 5939)

Product data:

Product Type: shRNA Plasmids

Product Name: RBMS2 Human shRNA Plasmid Kit (Locus ID 5939)

Locus ID: 5939 SCR3 Synonyms:

Vector: pGFP-C-shLenti (TR30023) E. coli Selection: Chloramphenicol (34 ug/ml)

Mammalian Cell

Selection:

Puromycin

Format: Lentiviral plasmids

Components: RBMS2 - Human, 4 unique 29mer shRNA constructs in lentiviral GFP vector(Gene ID = 5939).

5µg purified plasmid DNA per construct

29-mer scrambled shRNA cassette in pGFP-C-shLenti Vector, TR30021, included for free.

NM 002898, NM 002898.1, NM 002898.2, NM 002898.3, BC027863, BC027863.1, BC072679, RefSeq:

BM929514

UniProt ID: 015434

Summary: The protein encoded by this gene is a member of a small family of proteins which bind single

stranded DNA/RNA. These proteins are characterized by the presence of two sets of

ribonucleoprotein consensus sequence (RNP-CS) that contain conserved motifs, RNP1 and RNP2, originally described in RNA binding proteins, and required for DNA binding. The RBMS

proteins have been implicated in such diverse functions as DNA replication, gene

transcription, cell cycle progression and apoptosis. This protein was isolated by phenotypic complementation of cdc2 and cdc13 mutants of yeast and is thought to suppress cdc2 and cdc13 mutants through the induction of translation of cdc2. [provided by RefSeq, Jul 2008]

shRNA Design: These shRNA constructs were designed against multiple splice variants at this gene locus. To

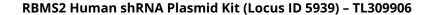
> be certain that your variant of interest is targeted, please contact techsupport@origene.com. If you need a special design or shRNA sequence, please utilize our custom shRNA service.



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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).