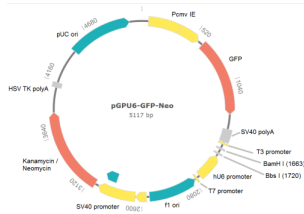


Mouse SIRT1 shRNA Plasmid

Catalogue No.: abx979234



Plasmid map (pGPU6/GFP/Neo).

shRNA Plasmid to inhibit SIRT1 expression by RNA interference. This product contains 3 separate slightly different shRNA sequences which knock down mouse SIRT1 gene specifically. Each vial contains 50 µg of lyophilized shRNA.

Target: SIRT1

Reactivity: Mouse

Tested Applications: RNAi

Host: E. coli

Form: Lyophilized

Quality Control: The sequence of shRNA is guaranteed by sequencing.

Storage: Store lyophilized shRNA plasmid DNA at -20 °C with desiccant. Stable for one year. Once resuspended, store at 4 °C for short term storage or -80 °C for long term storage. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: Q923E4 ([UniProt](#), [ExPASy](#))

Gene Symbol: SIRT1

GeneID: [93759](#)

NCBI Accession: NM_019812.3

KEGG: mmu:93759

Specificity: SIRT1 shRNA Plasmid (Mouse) contains 3 different target-specific plasmids each encoding 19-23 nt (plus hairpin) shRNAs designed to knock down gene expression. Each plasmid contains a resistance gene for the selection of cells stably expressing shRNA.

Datasheet

Version: 3.0.0

Revision date: 13 Oct 2025



Note: This product is for research use only.

Directions for use: Resuspend lyophilized shRNA plasmid DNA in 500 µl of deionised water. Each vial contains 50 µg of lyophilized shRNA plasmid DNA. Suitable for up to 50 transfections.

For Reference Only