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Human SIRT1 shRNA Plasmid

Catalogue No.: abx958250

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

Target: SIRT1

Reactivity: Human

Host: E. coli

Tested Applications: RNAi

Form: Lyophilized

Specificity: SIRT1 shRNA Plasmid (Human) 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.

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.

Swiss Prot: [Q96EB6](#)

GeneID: [23411](#)

Gene Symbol: SIRT1

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.

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

Note: This product is for research use only.