

**Rat SHANK2 shRNA Plasmid**

Catalogue No.: abx987681

shRNA Plasmid to inhibit SHANK2 expression by RNA interference. This product contains 3 separate slightly different shRNA sequences which knock down rat SHANK2 gene specifically. Each vial contains 50 µg of lyophilized shRNA.

**Target:** Rat SHANK2**Reactivity:** Rat**Host:** E. coli**Tested Applications:** RNAi**Form:** Lyophilized**Specificity:** SHANK2 shRNA Plasmid (Rat) 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:** [Q9QX74](#)**GeneID:** [171093](#)**Gene Symbol:** SHANK2**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.