

## Rat CAMK4 shRNA Plasmid

Catalogue No.: abx984761



Plasmid map (pGPU6/GFP/Neo).

shRNA Plasmid to inhibit CAMK4 expression by RNA interference. This product contains 3 separate slightly different shRNA sequences which knock down rat CAMK4 gene specifically. Each vial contains 50 µg of lyophilized shRNA.

**Target:** CAMK4

**Reactivity:** Rat

**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:** P13234 ([UniProt](#), [ExPASy](#))

**Gene Symbol:** CAMK4

**GeneID:** [25050](#)

**NCBI Accession:** NM\_012727.3

**KEGG:** rno:25050

**Specificity:** CAMK4 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.

# Datasheet

Version: 1.0.0

Revision date: 05 Jun 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