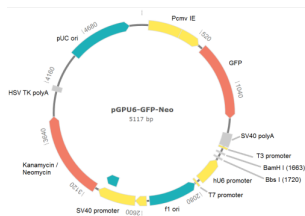


## Rat SMAD2 shRNA Plasmid

Catalogue No.:abx985443



Plasmid map (pGPU6/GFP/Neo).

shRNA Plasmid to inhibit SMAD2 expression by RNA interference. This product contains 3 separate slightly different shRNA sequences which knock down rat SMAD2 gene specifically. Each vial contains 50 µg of lyophilized shRNA.

**Target:** SMAD2

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: [O70436](#) ([UniProt](#), [ExPASy](#))

**Gene Symbol:** SMAD2

**GeneID:** [29357](#)

**NCBI Accession:** NM 001277450.1

**KEGG:** [rno:29357](#)

**Specificity:** SMAD2 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: 25 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