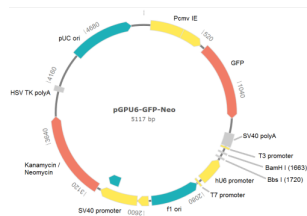


## Mouse TMEM221 shRNA Plasmid

Catalogue No.: abx984058



Plasmid map (pGPU6/GFP/Neo).

shRNA Plasmid to inhibit TMEM221 expression by RNA interference. This product contains 3 separate slightly different shRNA sequences which knock down mouse TMEM221 gene specifically. Each vial contains 50 µg of lyophilized shRNA.

**Target:** TMEM221

**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:** Q8K071 ([UniProt](#), [ExPASy](#))

**Gene Symbol:** TMEM221

**GeneID:** [434325](#)

**NCBI Accession:** NM\_001100462.1

**KEGG:** mmu:434325

**Specificity:** TMEM221 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: 1.0.0

Revision date: 20 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