

## Mouse IMPG1 shRNA Plasmid

Catalogue No.: abx975232



Plasmid map (pGPU6/GFP/Neo).

shRNA Plasmid to inhibit IMPG1 expression by RNA interference. This product contains 3 separate slightly different shRNA sequences which knock down mouse IMPG1 gene specifically. Each vial contains 50 µg of lyophilized shRNA.

**Target:** IMPG1**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:** Q8R1W8 ([UniProt](#), [ExPASy](#))**Gene Symbol:** IMPG1**GeneID:** [63859](#)**NCBI Accession:** NM\_022016.3**KEGG:** mmu:63859**Specificity:** IMPG1 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: 15 Dec 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