

Rat ITGA1 shRNA Plasmid

Catalogue No.: abx984801



Plasmid map (pGPU6/GFP/Neo).

shRNA Plasmid to inhibit ITGA1 expression by RNA interference. This product contains 3 separate slightly different shRNA sequences which knock down rat ITGA1 gene specifically. Each vial contains 50 µg of lyophilized shRNA.

Target: ITGA1

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: P18614 ([UniProt](#), [ExPASy](#))

Gene Symbol: ITGA1

GeneID: [25118](#)

NCBI Accession: NM_030994.2

KEGG: rno:25118

Specificity: ITGA1 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: 2.0.0

Revision date: 23 Apr 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