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## Mouse COL10A1 shRNA Plasmid

Catalogue No.: abx969744

shRNA Plasmid to inhibit COL10A1 expression by RNA interference. This product contains 3 separate slightly different shRNA sequences which knock down mouse COL10A1 gene specifically. Each vial contains 50 µg of lyophilized shRNA.

**Target:** COL10A1

**Reactivity:** Mouse

**Host:** E. coli

**Tested Applications:** RNAi

**Form:** Lyophilized

**Specificity:** COL10A1 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.

**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.

**Swiss Prot:** [Q05306](#)

**GeneID:** [12813](#)

**Gene Symbol:** COL10A1

**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.

**Quality Control:** The sequence of shRNA is guaranteed by sequencing.

**Note:** This product is for research use only.