

**Human SMAD5 shRNA Plasmid**

Catalogue No.: abx952773

shRNA Plasmid to inhibit SMAD5 expression by RNA interference. This product contains 3 separate slightly different shRNA sequences which knock down human SMAD5 gene specifically. Each vial contains 50 µg of lyophilized shRNA.

**Target:** SMAD5**Reactivity:** Human**Host:** E. coli**Tested Applications:** RNAi**Form:** Lyophilized**Specificity:** SMAD5 shRNA Plasmid (Human) 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:** [Q99717](#)**GeneID:** [4090](#)**Gene Symbol:** SMAD5**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.