

**Rat ATF4 shRNA Plasmid**

Catalogue No.: abx986542

shRNA Plasmid to inhibit ATF4 expression by RNA interference. This product contains 3 separate slightly different shRNA sequences which knock down rat ATF4 gene specifically. Each vial contains 50 µg of lyophilized shRNA.

<b>Target:</b>	Rat ATF4
<b>Reactivity:</b>	Rat
<b>Host:</b>	E. coli
<b>Tested Applications:</b>	RNAi
<b>Form:</b>	Lyophilized
<b>Specificity:</b>	ATF4 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.
<b>Storage:</b>	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.
<b>Swiss Prot:</b>	<a href="#">Q9ES19</a>
<b>GeneID:</b>	<a href="#">79255</a>
<b>Gene Symbol:</b>	ATF4
<b>Directions for use:</b>	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.
<b>Quality Control:</b>	The sequence of shRNA is guaranteed by sequencing.
<b>Note:</b>	This product is for research use only.