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## Rat OPA1 shRNA Plasmid

Catalogue No.: abx987695

shRNA Plasmid to inhibit OPA1 expression by RNA interference. This product contains 3 separate slightly different shRNA sequences which knock down rat OPA1 gene specifically. Each vial contains 50 µg of lyophilized shRNA.

|                             |                                                                                                                                                                                                                                                         |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Target:</b>              | Rat OPA1                                                                                                                                                                                                                                                |
| <b>Reactivity:</b>          | Rat                                                                                                                                                                                                                                                     |
| <b>Host:</b>                | E. coli                                                                                                                                                                                                                                                 |
| <b>Tested Applications:</b> | RNAi                                                                                                                                                                                                                                                    |
| <b>Form:</b>                | Lyophilized                                                                                                                                                                                                                                             |
| <b>Specificity:</b>         | OPA1 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="#">Q2TA68</a>                                                                                                                                                                                                                                  |
| <b>GeneID:</b>              | <a href="#">171116</a>                                                                                                                                                                                                                                  |
| <b>Gene Symbol:</b>         | OPA1                                                                                                                                                                                                                                                    |
| <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.                                                                                                                                                                                                                  |