

Sheared Salmon Sperm DNA

Catalog Number AM9680

Pub. No. 4386640 Rev. B

Contents	Quantity	Storage conditions
Sheared Salmon Sperm DNA, 10 mg/mL	10 × 10 mg	Store at -20°C. <i>Do not store in a frost-free freezer.</i>



WARNING! Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves. Safety Data Sheets (SDSs) are available from www.lifetechnologies.com/support.

Product description

Sheared Salmon Sperm DNA has been treated with Proteinase K to remove any contaminating nucleases, followed by organic extraction with phenol:chloroform and ethanol precipitation. It is resuspended in nuclease-free water.

Storage buffer: Nuclease-free water.

Using Sheared Salmon Sperm DNA

This sheared DNA preparation is a very effective blocking agent when used in Northern prehybridization and hybridization buffers at a concentration of 100–200 µg/mL.

Quality control

RNase activity: A sample is incubated with labeled RNA and analyzed by PAGE.

Nonspecific endonuclease activity: A sample is incubated with supercoiled plasmid DNA and analyzed by agarose gel electrophoresis.

Exonuclease activity: A sample is incubated with labeled double-stranded DNA, followed by PAGE analysis.

Limited product warranty

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