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single-stranded scaffold DNA type p8064  
2.0 ml at 100 nM

**Conc.: 100 nM**

**Store at -20°C**

**Vol.: 2000 µl**

**Amount: 200 pmol (498 µg)**

**Product No.:** M1-51

**Lot No.:**

**Description:** 200 pmol of single-stranded, circular DNA. The single-stranded viral DNA is isolated from a M13mp18 derivative. M13mp18 is a M13 lac phage vector. Length 8064 bases. See below for the sequence of bases. Volume is sufficient for 100 'standard' (20 nM, 100 µl) DNA origami folding reactions.

Normalised to 100 nM (249 µg/ml) concentration. Dissolved in buffer containing 10 mM TRIS-BASE, 1 mM EDTA. Ready to use for DNA self-assembly experiments. Quality control by agarose gel electrophoresis. Let equilibrate after thawing. Avoid shearing, pipet gently.

type p8064

1kb Ladder



Photograph of an Ethidium-Bromide stained 2% agarose gel on which several purified scaffold DNA samples were electrophoresed.



