



tilibit nanosystems GmbH  
Lichtenbergstraße 8  
DE 85748 Garching b. München  
Germany  
info@tilibit.com

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

**Conc.: 100 nM**

**Store at -20°C**

**Vol.: 500 µl**

**Amount: 50 pmol (125 µg)**

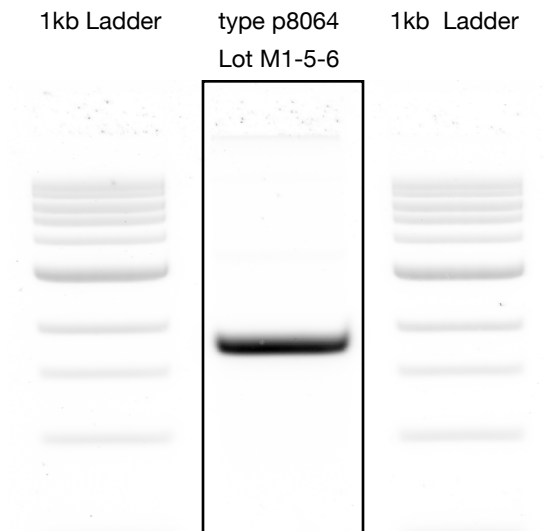
**Product No.:** M1-50

**Lot No.:** M1-5-6

**Description:** 50 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 25 '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.



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



