

PRODUCT INFORMATION

Entranceposon (*supF-2*)

#F-772 140 ng

Lot: _ Expiry Date: _

Concentration: 7 ng/μl

Store at -20°C



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Unit definition

1.0 A₂₆₀ unit dsDNA = 50 μg/ml

MuA Transposition Reaction/ Transformation Assay

Transposition reactions (20 μl) were performed using 7 ng of the Entranceposon (*supF-2*) (artificial Mu transposon), 150 ng of the pBC SK+ plasmid (Stratagene) and 0.22 μg of the MuA Transposase in 1X Reaction buffer (25 mM Tris-HCl pH 8.0 at 20°C; 10 mM MgCl₂; 110 mM NaCl; 0.05 % Triton X-100; 10 % glycerol). The reaction mixtures were incubated for 1 h at 30°C followed by heat-inactivation of the MuA Transposase for 10 min at 75°C. 10 μl of transposition reactions were transformed into chemically competent *E.coli* cells (strain P3/MC1061) using standard protocol (transformation efficiency <10⁷ cfu/μg pUC19). Dilutions of the transformation mixture were plated on LB plates supplemented with 50 μg/ml ampicillin, 5 μg/ml tetracycline and 10 μg/ml chloramphenicol. As a result more than thousand colonies were recovered on the plates per single transposition reaction.

Technical support

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PRODUCT USE LIMITATION

This product has been developed and is sold exclusively for research purposes and in vitro use only. This product has not been tested for use in diagnostics or drug development, nor are they suitable for administration to humans or animals.

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