



Source: *Nocardia corallina*.

Cat.-No.	Size	Conc.
EN-123	25,000 units	10 u/μl

Buffer supplied: 10x B3* and 10x BSA.

Substrate for unit definition: λ DNA (4 sites).

Reaction conditions:

100 mM NaCl, 50 mM Tris-HCl (pH 7.9), 10 mM MgCl₂, 1 mM DTT, 0.02% Triton X-100, 100 μg/ml BSA. Incubate at **37°C**.

Storage buffer:

50 mM KCl, 10 mM Tris-HCl (pH 7.4), 0.1 mM EDTA, 1 mM dithiothreitol, 200 μg/ml BSA, and 50% glycerol.
Store at -20°C.

Ligation and recutting:

After 10-fold overdigestion with *Nco* I, >95% of the DNA fragments can be ligated and recut with this enzyme.

Star activity:

Conditions of high enzyme concentration or glycerol concentration >5% may result in star activity.

Heat inactivation: 65°C for 20 minutes.