



Source: *Serratia marcescens*.

Cat.-No.	Size	Conc.
EN-135	40,000 units	10 u/μl

Buffer supplied: 10x B5 and 10x BSA.

Substrate for unit definition:
λ DNA, *Hind* III digest (3 sites).

Reaction conditions:
50 mM potassium acetate, 20 mM Tris-acetate (pH 7.9), 10 mM magnesium acetate, 1 mM dithiothreitol, 100 μg/ml BSA.
Incubate at **25°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 *Sma* I, >95% of the DNA fragments can be ligated and recut with this enzyme.

Heat inactivation: 65°C for 20 minutes.