



Source: *Streptomyces albus* G.

Cat.-No.	Size	Conc.
EN-130	100,000 units	10 u/μl

Buffer supplied: 10x B4 and 10x BSA.

Substrate for unit definition:
λ DNA, *Hind* III digest (2 sites).

Reaction conditions:
150 mM NaCl, 10 mM Tris-HCl (pH 7.9), 10 mM MgCl₂, 1 mM dithiothreitol, 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, 300 μg/ml BSA, and 50% glycerol.
Store at -20°C.

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

Star activity:
Large excess of the enzyme results in the appearance of star activity.

Heat inactivation: 65°C for 20 minutes.