



Data Sheet (28.11.2007)

PspP I
(*Sau96 I*)

5' ...**GGNCC**...3'
3' ...**CCNGG**...5'

Source: *Psychrobacter immobilis* TA 137

Cat.-No.	Size	Conc.
mi-E0126S	900 units	10 u/μl
mi-E0126L	4,500 units	10 u/μl

Buffer supplied: 10x B2 (incl. BSA)

BSA is now already included into the buffer without any loss of performance!

Substrate for unit definition: λ DNA (74 sites)

Reaction conditions:

50 mM NaCl, 10 mM Tris-HCl (pH 7.9), 10 mM MgCl₂, 1 mM dithiothreitol, 100 μg/ml BSA.

Incubate at **25 °C**.

Storage buffer:

50 mM NaCl, 10 mM Tris-HCl (pH 7.4), 0.1 mM EDTA, 1 mM dithiothreitol, 200 μg/ml BSA, and 50 % glycerol.

Ligation and recutting:

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

Note: Incubation at 37 °C results in 60 % activity.
Blocked by overlapping *dcm* methylation

Heat inactivation: 55 °C for 15 minutes