

# β-Agarase I from E. coli, Recombinant

Cat. No. NATE-1282 Lot. No. (See product label)

## Introduction

- **Applications**β-Agarase I digests agarose, releasing trapped DNA and producing carbohydrate molecules which can<br/>no longer gel. β-Agarase I can be used to purify both large (> 50 kb) and small (< 50 kb) fragments of<br/>DNA from gels. The remaining carbohydrate molecules and β-Agarase I will not, in general, interfere<br/>with subsequent DNA manipulations such as restriction endonuclease digestion, ligation, and<br/>transformation.

## *Synonyms* agarase; AgaA; AgaB; endo-β-agarase; agarose 3-glycanohydrolase; EC 3.2.1.81; 37288-57-6

### **Product Information**

Species	E. coli
Source	E. coli
Form	50 mM Bis Tris-HCI (pH 6.5), 1 mM Na2EDTA and 50% glycerol.
Concentration	1,000 units/ml
Unit Definition	One unit is defined as the amount of enzyme required to digest 200 $\mu$ l of molten low melting point or NuSieve agarose to nonprecipitable neoagaro-oligosaccharides in 1 hour at 42°C.

#### Storage and Shipping Information

Storage at -20°C