

α-Neoagarobiose hydrolase 117A from Zobellia galactanivorans, Recombinant

Cat. No. NATE-1294

Lot. No. (See product label)

Introduction

Description α-Neoagarobiose hydrolase is a 1,3-α-3,6-anhydro-l-galactosidase from *Zobellia galactanivorans* that catalyses the last step in the degradation pathway of agars.

Synonyms α-Neoagarobiose hydrolase 117A; α-Neoagarobiose hydrolase; EC 3.2.1.-

Product Information

Species *Zobellia galactanivorans*

Source *E. coli*

Form 35 mM NaHepes buffer, pH 7.5, 750 mM NaCl, 200 mM imidazol, 3.5 mM CaCl₂, 0.02% sodium azide and 25% (v/v) glycerol

Molecular Weight 42.1 kDa

Purity >50% by SDS-PAGE

Concentration 1 mg/mL

Optimum pH 7.5

Optimum temperature 20 °C

Specificity Neoagaro-hexaose, -tetraose and -biose

Storage and Shipping Information

Storage This enzyme is shipped at room temperature but should be stored at -20 °C.