Creative Enzymes®

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.