Creative Enzymes®

λ-carrageenase

Cat. No. EXWM-3844

Lot. No. (See product label)

Introduction

Description	The enzyme from Pseudoalteromonas sp. is specific for λ-carrageenan. ι-Carrageenan (see EC 3.2.1.157, ι-carrageenase), κ-carrageenan (see EC 3.2.1.83, κ-carrageenase), agarose and porphyran are not substrates.
Synonyms	endo-β-1,4-carrageenose 2,6,2'-trisulfate-hydrolase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.2.1.162
Reaction	Endohydrolysis of (1→4)-β-linkages in the backbone of λ-carrageenan, resulting in the tetrasaccharide α-D-Galp2,6S2-(1→3)-β-D-Galp2S-(1→4)-α-D-Galp2,6S2-(1→3)-D-Galp2S
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.