Creative Enzymes®

mannuronan 5-epimerase

Cat. No. EXWM-5424

Lot. No. (See product label)

Introduction

Description	The enzyme epimerizes the C-5 bond in some β-D-mannuronate residues in mannuronan, converting them to α-L-guluronate residues, and thus modifying the mannuronan into alginate. It is found in brown algae and alginate-producing bacterial species from the Pseudomonas and Azotobacter genera.
Synonyms	algG (gene name); alginate epimerase; C5-mannuronan epimerase; mannuronan C-5-epimerase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 5.1.3.37
Reaction	[mannuronan]-β-D-mannuronate = [alginate]-α-L-guluronate
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 ℃.