

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.