Creative Enzymes®

Ulvan lyase 25A form Arenitalea lutea, Recombinant

Cat. No. NULE-027

Lot. No. (See product label)

Introduction

Description	E.C. number 4.2.2.-, is an enzyme that cleaves the bond between 3-sulfated rhamnose (Rha3S) linked to either Dglucuronic acid (GlcA) or L-iduronic acid (IduA) in the marine polysaccharide ulvan from Arenitalea lutea. It is a single domain family 25 Pectate Lyase (PL25).

Product Information

Species	Arenitalea lutea
Source	Escherichia coli
Form	The protein is provided in 35 mM NaHepes buffer, pH 7.5, 750 mM NaCl, 200 mM imidazol, 3.5 mM CaCl2 and 25% (v/v) glycerol.
EC Number	EC 4.2.2.-
Molecular Weight	52.60 kDa
Purity	more than 90% as judged by SDS-PAGE
Concentration	1 mg/mL
Optimum pH	6.5-7.5
Optimum temperature	37 °C

Storage and Shipping Information

Storage	at -20 °C