

Ulvan lyase 25A form Algibacter pectinivorans, Recombinant

Cat. No. NULE-026

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 Algibacter pectinivorans. It is a single domain family 25 Pectate Lyase (PL25).

Product Information

Species Algibacter pectinivorans

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 52.11 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