

Ulvan lyase 25A form Nonlabens ulvanivorans, Recombinant

Cat. No. NULE-025

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 Nonlabens ulvanivorans. It is a single domain family 25 Pectate Lyase (PL25).

Product Information

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| Species | Nonlabens ulvanivorans |
| 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 CaCl ₂ and 25% (v/v) glycerol. |
| EC Number | EC 4.2.2.- |
| Molecular Weight | 52.75 kDa |
| Purity | more than 75% as judged by SDS-PAGE |
| Concentration | 0.5 mg/mL |
| Optimum pH | 6.5-7.5 |
| Optimum temperature | 37 °C |

Storage and Shipping Information

Storage at -20 °C