Creative Enzymes®

# Ulvan lyase 25A form Pseudoalteromonas sp., Recombinant

*Cat. No.* NULE-030

*Lot. No.* (See product label)

## Introduction

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| **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 Pseudoalteromonas sp.. It is a single domain family 25 Pectate Lyase (PL25). |

## Product Information

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| **Species** | Pseudoalteromonas sp. |
| **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** | 52.14 kDa |
| **Purity** | more than 90% as judged by SDS-PAGE |
| **Concentration** | 0.25 mg/mL |
| **Optimum pH** | 6.5-7.5 |
| **Optimum temperature** | 37 °C |

## Storage and Shipping Information

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| **Storage** | at -20 °C |