

## 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 CaCl<sub>2</sub> 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