

## 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

<b>Species</b>	<i>Arenitalea lutea</i>
<b>Source</b>	<i>Escherichia coli</i>
<b>Form</b>	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.
<b>EC Number</b>	EC 4.2.2.-
<b>Molecular Weight</b>	52.60 kDa
<b>Purity</b>	more than 90% as judged by SDS-PAGE
<b>Concentration</b>	1 mg/mL
<b>Optimum pH</b>	6.5-7.5
<b>Optimum temperature</b>	37 °C

### Storage and Shipping Information

**Storage** at -20 °C