



## Product Information

### Recombinant *Sphingomonas* sp. oligoalginate lyase 15A1

**Cat. No.:** X23-08-YM678

**Size:** 0.5 mg; 1 mg; 1.5 mg; 2 mg

**Enzyme Commission Number:** 4.2.2.26

**Synonym:** SAlg15A; Exo-oligoalginate lyase

**This product is for research use only and is not intended for diagnostic use.**

#### Product Information

<b>Description</b>	Recombinant <i>Sphingomonas</i> sp. oligoalginate lyase 15A1 produced by <i>Escherichia coli</i> , has the E.C. number 4.2.2.-. and specifically acts on alginate produced in <i>Escherichia coli</i> .
<b>Expression System</b>	<i>Escherichia coli</i>
<b>Species</b>	<i>Sphingomonas</i> sp.
<b>Concentration</b>	0.5 mg/mL
<b>Form</b>	Liquid
<b>Purity</b>	≥90%, determined by SDS-PAGE.
<b>Activity</b>	Alginate lyases
<b>Buffer</b>	35 mM NaHepes buffer (pH 7.5), 750 mM NaCl, 200 mM imidazole, 3.5 mM CaCl <sub>2</sub> , and 25% (v/v) glycerol
<b>Applications</b>	Recombinant <i>Sphingomonas</i> sp. oligoalginate lyase 15A1 can be used in the production of bioactive oligosaccharides and participates in the eliminative cleavage of unsaturated oligoalginates.
<b>Storage</b>	Store at -20°C.