



## Product Information

### Recombinant *Dickeya dadantii* rhamnogalacturonan endolyase 4A

**Cat. No.:** X23-08-YM1037

**Size:** 0.25 mg; 0.50 mg; 0.75 mg; 1 mg

**Enzyme Commission Number:** 4.2.2.23

**Synonym:** DdRge4A; Alpha-L-rhamnopyranosyl-(1->4)-alpha-D-galactopyranosyluronide lyase

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

#### Product Information

<b>Description</b>	Recombinant <i>Dickeya dadantii</i> rhamnogalacturonan endolyase 4A produced by <i>Escherichia coli</i> , is involved in the cleavage of L- $\alpha$ -rhamnopyranosyl-1,4- $\alpha$ -D-galactopyranosyluronic acid bonds in rhamnogalacturonan I domains within pectin.
<b>Expression System</b>	<i>Escherichia coli</i>
<b>Species</b>	<i>Dickeya dadantii</i>
<b>Concentration</b>	0.25 mg/mL
<b>Form</b>	Liquid
<b>Purity</b>	$\geq 90\%$ , determined by SDS-PAGE.
<b>Activity</b>	Rhamnogalacturonan 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>Dickeya dadantii</i> rhamnogalacturonan endolyase 4A can be used for glycobiology research and participates in the eliminative cleavage of rhamnogalacturonan."
<b>Storage</b>	Store at -20°C.