



## Product Information

### Recombinant *Thermotoga maritima* polygalacturonase 28A

**Cat. No.:** X23-08-YM405

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

**Enzyme Commission Number:** 3.2.1.67

**Synonym:** *TmPgx28A*; Exo-1,4- $\alpha$ -Polygalacturonase

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

#### Product Information

<b>Description</b>	Recombinant <i>Thermotoga maritima</i> polygalacturonase 28A produced by <i>Escherichia coli</i> , has the E.C. number 3.2.1.67 and is an exo-1,4- $\alpha$ -polygalacturonase enzyme.
<b>Expression System</b>	<i>Escherichia coli</i>
<b>Species</b>	<i>Thermotoga maritima</i>
<b>Concentration</b>	0.25 mg/mL
<b>Form</b>	Liquid
<b>Purity</b>	$\geq 90\%$ , determined by SDS-PAGE.
<b>Activity</b>	Polygalacturonases
<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>Thermotoga maritima</i> polygalacturonase 28A can be used in research for food, beverage, feed, textile, and paper industries. It has the ability to hydrolyze polygalacturonic acid (PGA).
<b>Storage</b>	Store at -20°C.