



## Product Information

### Recombinant *Zobellia galactanivorans* $\Delta$ -4,5-unsaturated $\beta$ -glucuronyl hydrolase 88A

**Cat. No.:** X23-08-YM022

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

**Enzyme Commission Number:** 3.2.1.-

**Synonym:** ZgUgl88A;  $\Delta$ -4,5 Unsaturated beta-glucuronyl hydrolase

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

#### Product Information

<b>Description</b>	Recombinant <i>Zobellia galactanivorans</i> $\Delta$ -4,5-unsaturated $\beta$ -glucuronyl hydrolase 88A produced by <i>Escherichia coli</i> , is an enzyme that has the ability to cleave the glycosidic linkage between $\Delta$ -4,5-unsaturated uronic acid and GlcN/GlcNAc disaccharides.
<b>Expression System</b>	<i>Escherichia coli</i>
<b>Species</b>	<i>Zobellia galactanivorans</i>
<b>Concentration</b>	0.5 mg/mL
<b>Form</b>	Liquid
<b>Purity</b>	$\geq 90\%$ , determined by SDS-PAGE.
<b>Activity</b>	$\Delta$ -4,5-Unsaturated $\beta$ -glucuronyl hydrolases
<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>Zobellia galactanivorans</i> $\Delta$ -4,5-unsaturated $\beta$ -glucuronyl hydrolase 88A can be used in carbohydrate and biofuel research. It has the ability to hydrolyze oligosaccharides with an unsaturated $\beta$ -glucuronyl.
<b>Storage</b>	Store at $-20^{\circ}\text{C}$ .