



## Product Information

### Recombinant *Ruminococcus gnavus* $\beta$ -glucuronidase 2A

**Cat. No.:** X23-08-YM538

**Size:** 1 mg; 2 mg; 3 mg; 6 mg

**Enzyme Commission Number:** 3.2.1.31

**Synonym:** RgGus2A; Beta-glucuronidase; Beta-d-glucuronidase; Exo-beta-glucuronidase

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

#### Product Information

<b>Description</b>	Recombinant <i>Ruminococcus gnavus</i> $\beta$ -glucuronidase 2A produced by <i>Escherichia coli</i> , is a type of glucuronidase and is responsible for hydrolyzing $\beta$ -D-glucuronic acid residues from the non-reducing end of mucopolysaccharides.
<b>Expression System</b>	<i>Escherichia coli</i>
<b>Species</b>	<i>Ruminococcus gnavus</i>
<b>Concentration</b>	1 mg/mL
<b>Form</b>	Liquid
<b>Purity</b>	$\geq 90\%$ , determined by SDS-PAGE.
<b>Activity</b>	Glucuronidases
<b>Buffer</b>	35 mM NaHepes buffer (pH 7.5), 750 mM NaCl, 200 mM imidazole, 3.5 mM $\text{CaCl}_2$ , and 25% (v/v) glycerol
<b>Applications</b>	Recombinant <i>Ruminococcus gnavus</i> $\beta$ -glucuronidase 2A can be used for liver detoxification and estrogen metabolism research. It has the ability to hydrolyze 4-nitrophenyl- $\beta$ -D-glucuronide, and $\beta$ -D-glucuronoside.
<b>Storage</b>	Store at $-20^\circ\text{C}$ .