



## Product Information

### Recombinant *Lactobacillus casei* $\alpha$ -fucosidase 29A

**Cat. No.:** X23-08-YM1027

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

**Enzyme Commission Number:** 3.2.1.127

**Synonym:** LcFuc29A; Alpha-fucosidase

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

#### Product Information

<b>Description</b>	Recombinant <i>Lactobacillus casei</i> $\alpha$ -fucosidase 29A produced by <i>Escherichia coli</i> , is an enzyme that catalyzes the hydrolysis of $\alpha$ -L-fucose- <i>N</i> -acetyl-D-glucosamine linkages in glycopeptides such as immunoglobulin G glycopeptide and fucosyl-asialo-agalacto-fetuin.
<b>Expression System</b>	<i>Escherichia coli</i>
<b>Species</b>	<i>Lactobacillus casei</i>
<b>Concentration</b>	0.5 mg/mL
<b>Form</b>	Liquid
<b>Purity</b>	$\geq 90\%$ , determined by SDS-PAGE.
<b>Activity</b>	Fucosidases
<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>Lactobacillus casei</i> $\alpha$ -fucosidase 29A can be used for glycobiology research. It has the ability to hydrolyze fucosyl- $\alpha$ -1,6- <i>N</i> -acetylglucosamine.
<b>Storage</b>	Store at -20°C.