



Product Information

Recombinant *Bacillus subtilis* galactanase 53A

Cat. No.: X23-08-YM072

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

Enzyme Commission Number: 3.2.1.89

Synonym: BsGan53A; *Endo*-1,4- β -galactanase

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

Product Information

Description	Recombinant <i>Bacillus subtilis</i> galactanase 53A produced by <i>Escherichia coli</i> , has the E.C. number 3.2.1.89 and is an <i>endo</i> -1,4- β -galactanase enzyme.
Expression System	<i>Escherichia coli</i>
Species	<i>Bacillus subtilis</i>
Concentration	1 mg/mL
Form	Liquid
Purity	$\geq 90\%$, determined by SDS-PAGE.
Activity	Galactanases
Buffer	35 mM NaHepes buffer (pH 7.5), 750 mM NaCl, 200 mM imidazole, 3.5 mM CaCl ₂ , and 25% (v/v) glycerol
Applications	Recombinant <i>Bacillus subtilis</i> galactanase 53A can be used in diagnostics and research within the food and feed, carbohydrate, and biofuels industries. It has the ability to hydrolyze arabinogalactans and galactans.
Storage	Store at -20°C.