

Product Information

Recombinant *Bacillus subtilis* levanase 32A

Cat. No.: X23-08-YM069

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

Enzyme Commission Number: 3.2.1.65

Synonym: BsLev32A; *Endo*-levanase

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

Product Information

Description	Recombinant <i>Bacillus subtilis</i> levanase 32A produced by <i>Escherichia coli</i> , breaks down the 2,6- β -D-fructofuranosidic linkages found in 2,6- β -D-fructans (levans) comprising more than 3 fructose units.
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	Levanases
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> levanase 32A can be used for glycobiology research. It has the ability to hydrolyze levans.
Storage	Store at -20°C.