Active Recombinant Bacteroides thetaiotaomicron endo-Levanase

Cat. No. LEV-01B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Bacteroides thetaiotaomicron endo-Levanase was expressed in E.coli.
Species	Bacteroides thetaiotaomicron
Source	E. coli
Description	Levanase is a slime-dissolving enzyme of Rhodotorula species. Levanase performs random hydrolysis of β-2,6 fructofuranosyl linkages in β-2,6 fructans containing more than 3 fructose units.
CAS No.	9041-11-6
Form	White Color Liquid
Bio-activity	227 U/mg protein
Purity	≥ 95% by SDS-PAGE
Unit Definition	One Unit of endo-levanase activity is defined as the amount of enzyme required to release one μmole of β-D-fructose reducing-sugar equivalents per minute from levan (10 mg/mL) in sodium maleate buffer (100 mM), pH 6.0 at 40 centigrade.
Storage	Store at 2-8 centigrade for at least 1 year

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Concentration	42 mg/mL

GENE INFORMATION

Official Symbol	LEV
Synonyms	LEV; endo-Levanase

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