



Product Information

Recombinant *Bacillus licheniformis* α -phosphotrehalase 13A

Cat. No.: X23-08-YM429

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

Enzyme Commission Number: 3.2.1.93

Synonym: B/Tre13A; α , α -Trehalose-6-phosphate phosphoglucohydrolase

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

Product Information

Description	Recombinant <i>Bacillus licheniformis</i> α -phosphotrehalase 13A produced by <i>Escherichia coli</i> , belongs to the glycoside hydrolase family 13 (GH13) and consists of a single domain.
Expression System	<i>Escherichia coli</i>
Species	<i>Bacillus licheniformis</i>
Concentration	1 mg/mL
Form	Liquid
Purity	$\geq 90\%$, determined by SDS-PAGE.
Activity	Trehalases
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 licheniformis</i> α -phosphotrehalase 13A can be used for glycobiology research. It has the ability to hydrolyze p-nitrophenyl- α -D-glucopyranoside (pNPG), trehalose-6-phosphate.
Storage	Store at -20°C.