



Product Information

Recombinant *Bacillus circulans* α -mannanase 76A

Cat. No.: X23-08-YM421

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

Enzyme Commission Number: 3.2.1.101

Synonym: BcMan76A; Alpha-d-mannosidase

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

Product Information

Description	Recombinant <i>Bacillus circulans</i> α -mannanase 76A produced by <i>Escherichia coli</i> , is an endo-1,6- α -mannanase that produces long oligosaccharides.
Expression System	<i>Escherichia coli</i>
Species	<i>Bacillus circulans</i>
Concentration	1 mg/mL
Form	Liquid
Purity	$\geq 90\%$, determined by SDS-PAGE.
Activity	α -Mannanases
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 circulans</i> α -mannanase 76A can be used for glycobiology research. It has the ability to hydrolyze α -mannans.
Storage	Store at -20°C.