



Product Information

Recombinant *Bacillus halodurans* α -galactosidase 4A

Cat. No.: X23-08-YM148

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

Enzyme Commission Number: 3.2.1.22

Synonym: *BhGal4A*; Melibiase; α -Galactoside galactohydrolase; Alpha-D-galactosidase; Alpha-galactoside galactohydrolase

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

Product Information

Description	Recombinant <i>Bacillus halodurans</i> α -galactosidase 4A produced by <i>Escherichia coli</i> , is a homodimeric glycoprotein that catalyzes the hydrolysis of terminal α -galactosyl moieties of oligosaccharides and polysaccharides.
Expression System	<i>Escherichia coli</i>
Species	<i>Bacillus halodurans</i>
Concentration	1 mg/mL
Form	Liquid
Purity	$\geq 90\%$, determined by SDS-PAGE.
Activity	α -Galactosidases
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 halodurans</i> α -galactosidase 4A can be used for glycobiology research. It has the ability to hydrolyze raffinose, α -galactose containing polysaccharides.
Storage	Store at -20°C .