



Product Information

Recombinant *Bifidobacterium longum* endo- α -N-acetylgalactosaminidase 101A

Cat. No.: X23-08-YM480

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

Enzyme Commission Number: 3.2.1.97

Synonym: BINga101A; Endo- α -acetylgalactosaminidase

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

Product Information

Description	Recombinant <i>Bifidobacterium longum</i> endo- α -N-acetylgalactosaminidase 101A produced by <i>Escherichia coli</i> , functions in catalyzing the release of Gal-1,3- β -GalNAc α -linked to serine or threonine residues of mucin-type glycoproteins.
Expression System	<i>Escherichia coli</i>
Species	<i>Bifidobacterium longum</i>
Concentration	1 mg/mL
Form	Liquid
Purity	$\geq 90\%$, determined by SDS-PAGE.
Activity	Acetylgalactosaminidases
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>Bifidobacterium longum</i> endo- α -N-acetylgalactosaminidase 101A can be used in research, biotechnology, and therapeutic interventions. It has the ability to hydrolyze GalNAc α 1-pNP, Mucin-type O-glycans.
Storage	Store at -20°C.