

Endo- β -galactosidase from *Bacteroides fragilis*, Recombinant

Cat. No. NATE-1413

Lot. No. (See product label)

Introduction

Description Endo- β -Galactosidase is an enzyme that hydrolyzes internal β -galactosidic linkages of oligosaccharides in poly-N-acetyl-lactosamine structures. This enzyme resembles the *Escherichia freundii* enzyme due to its specificity towards bovine corneal keratan sulphate, milk oligosaccharides and the glycolipids lacto-N-neotetraosylceramide and lacto-N-tetraosylceramide.

Synonyms β -Galactosidase bacterial; Keratanase; Endo- β -galactosidase; keratan sulfate endogalactosidase; keratan-sulfate 1,4- β -D-galactanohydrolase; EC 3.2.1.103

Product Information

Species *Bacteroides fragilis*

Source *E. coli*

Form Sterile-filtered in 20 mM Tris-HCl, pH 7.5.

EC Number EC 3.2.1.103

CAS No. 55072-01-0

Molecular Weight ~32 kDa

Activity >14 U/ml; Specific Activity: >140 U/mg protein

Unit Definition One unit is defined as the amount of enzyme that will liberate one μ mol reducing sugar from bovine corneal keratan sulfate per min at 37°C, pH 5.8.

Storage and Shipping Information

Storage 2-8°C