Creative Enzymes®

Native Escherichia coli β-Glucuronidase

Cat. No. NATE-0330

Lot. No. (See product label)

Introduction

Description	β-glucuronidase catalyzes the breakdown of complex carbohydrates. In humans it converts conjugated bilirubin into the unconjugated form, making bilirubin suitable for reabsorption.
Applications	β-glucuronidase is used as a reporter gene in GUS assays to monitor gene expression.
Synonyms	β-glucuronide glucuronohydrolase glucuronidase; exo-β-D-glucuronidase; ketodase; EC 3.2.1.31; 9001-45-0; β-D-glucuronoside glucuronosohydrolase; GUSB

Product Information

Source	Escherichia coli
Form	lyophilized powder
EC Number	EC 3.2.1.31
CAS No.	9001-45-0
Composition	Protein, 30-70% biuret
Unit Definition	One unit will liberate 1.0 μg of phenolphthalein from phenolphthalein glucuronide per hr at 37°C at the pH 6.8 (30 min assay).