

## β-D-Glucuronidase from Bacteria, Recombinant

Cat. No. NATE-1036

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.

**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

**Species** Bacteria

**Source** E. coli

**Form** Glycerol Solution

**EC Number** EC 3.2.1.31

**CAS No.** 9001-45-0

**Molecular Weight** 68 kD (SDS-PAGE)

**Activity** > 170 U/mg protein

**Concentration** > 1000 U/ml

**Contaminants** Glucose-6-phosphate dehydrogenase (NADP+) < 0.001 % Glucose-6-phosphate dehydrogenase (NAD+) < 0.001 % NADPH oxidase < 0.001 % NADH oxidase < 0.001 % Alkaline phosphatase < 0.001 %

**pH Stability** 6.0 - 8.0

**Optimum pH** 7.5

**Thermal stability** <55°C

**Optimum temperature** 37°C

### Storage and Shipping Information

**Storage** Below -20°C