

## Diacetylchitobiose deacetylase from *Bacillus cereus*, Recombinant

Cat. No. NATE-1542

Lot. No. (See product label)

### Introduction

**Description** Diacetylchitobiose deacetylase is an enzyme from *Bacillus cereus* that exhibits deacetylase activity to the N-acetyl moiety of the N-acetylglucosamine and the diacetylchitobiose and triacetylchitotriose.

**Synonyms** N,N'-diacetylchitobiose deacetylase (nonreducing end); EC 3.5.1.-

### Product Information

**Species** *Bacillus cereus*

**Source** *E. coli*

**Form** 35 mM NaHepes buffer, pH 7.5, 750 mM NaCl, 200 mM imidazol, 3.5 mM CaCl<sub>2</sub>, 0.02% sodium azide and 25% (v/v) glycerol

**EC Number** EC 3.5.1.-

**Molecular Weight** 28.3 kDa

**Purity** >90% as judged by SDS-PAGE

**Concentration** 1 mg/mL

**Specificity** N-acetylglucosamine (GlcNAc), N-acetylchitooligosaccharides diacetylchitobiose (GlcNAc<sub>2</sub>) and triacetylchitobiose (GlcNAc<sub>3</sub>)

### Storage and Shipping Information

**Storage** This enzyme is shipped at room temperature but should be stored at -20 °C.