

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 CaCl₂, 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 (GlcNAc₂) and triacetylchitobiose (GlcNAc₃)

Storage and Shipping Information

Storage

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