Creative Enzymes®

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.