Creative Enzymes®

Native Jack Bean β-(1-2,3,4,6) Hexosaminidase, Sequencing-grade

Cat. No. NATE-0343

Lot. No. (See product label)

Introduction

Description

Hexosaminidase, sometimes called β-N-acetylhexosaminidase, is reported to liberate terminal β-linked N-acetylglucosamine and N-acetylgalactosamine from a variety of substrates. The activity of β-N-actylglucosaminidase may be determined with the chromogenic substrate p-nitrophenyl-N-acetyl-β-D-glucosaminide. β-N-actylglucosaminidase hydrolyzes the terminal nonreducing N-acetyl-D-hexosamine residues. This enzyme contains two predominant isozymes, Hex A, a heterodimer, and Hex B, a homodimer. N-acetylglucosamine, acetamide, N-2-acetamido-2-deoyglucosylamine, N-acetylnojirimycin, and N-acetyldeoxynojirmycin are known inhibitors.

Synonyms

β-(1-2,3,4,6) Hexosaminidase; hexosaminidase; β-acetylaminodeoxyhexosidase; N-acetyl-β-D-hexosaminidase; N-acetyl-beta-hexosaminidase; β-hexosaminidase; β-acetylhexosaminidinase; β-D-N-acetylhexosaminidase; β-N-acetyl-D-hexosaminidase; β-N-acetylglucosaminidase; hexosaminidase A; N-acetylhexosaminidase; β-D-hexosaminidase

Product Information

Source

Jack Bean