

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-deoxyglucosylamine, N-acetylnojirimycin, and N-acetyldeoxynojirimycin 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