

Endo- β -N-acetylglucosaminidase from *Arthrobacter protophormia*, Recombinant

Cat. No. NATE-1493

Lot. No. (See product label)

Introduction

Description

An Endoglycosidase is an enzyme that releases oligosaccharides from glycoproteins or glycolipids. It may also cleave polysaccharide chains between residues that are not the terminal residue, although releasing oligosaccharides from conjugated protein and lipid molecules is more common. It breaks the glycosidic bonds between two sugar monomer in the polymer. It is different from exoglycosidase that it does not do so at the terminal residue. Hence, it is used to release long carbohydrates from conjugated molecules. If an exoglycosidase were used, every monomer in the polymer would have to be removed, one by one from the chain, taking a long time. An endoglycosidase cleaves, giving a polymeric product.

Synonyms

Endoglycosidase; Endo- β -N-acetylglucosaminidase; EC 3.2.1.96; 231-791-2

Product Information

Species Arthrobacter protophormia

Source E. coli

EC Number EC 3.2.1.96

CAS No. 37278-88-9

Molecular Weight 69 kDa

Purity min 95% by SDS-PAGE

Unit Definition One unit is defined as the amount of enzyme that catalyzes the release of 1 nmol N-glycan from RNaseB per minute at 37 °C.