Creative Enzymes®

Endoglycosidase F3 from Elizabethkingia miricola, Recombinant

Cat. No. NATE-0216

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 F3; Elizabethkingia miricola; Endo-β-N-acetylglucosaminidase F3; Endoglycosidase F3 from Elizabethkingia (Chryseobacterium/Flavobacterium) meningosepticum; EC 3.2.1.96; 231-791-2; Endo F3

Product Information

Species	Elizabethkingia miricola
Source	E. coli
Form	Aseptically filled solution in 20 mM Tris-HCl, pH 7.5
EC Number	EC 3.2.1.96
CAS No.	231-791-2
Activity	30 U/mg
Unit Definition	One unit will release N-linked oligosaccharides from 1 μmole of denatured porcine fibrinogen in 1 minute at 37°C, pH 4.5.

Usage and Packaging

Package	Supplied with 5× Reaction Buffer, 250 mM sodium acetate, pH 4.5

Storage and Shipping Information

Storage	2-8°C