Creative Enzymes®

Glucuronoxylanase 30A from Clostridium thermocellum, Recombinant

Cat. No. NATE-1514

Lot. No. (See product label)

Introduction

Description	Glucuronoarabinoxylan endo-1,4-beta-xylanase (EC 3.2.1.136, feraxan endoxylanase, feraxanase, endoarabinoxylanase, glucuronoxylan xylohydrolase, glucuronoxylanase, glucuronoxylan xylanohydrolase, glucuronoarabinoxylan 1,4-beta-D-xylanohydrolase) is an enzyme with systematic name glucuronoarabinoxylan 4-beta-D-xylanohydrolase. This enzyme catalyses the following chemical reaction: Endohydrolysis of (1->4)-beta-D-xylosyl links in some glucuronoarabinoxylans. This enzyme has high activity towards feruloylated arabinoxylans.
Synonyms	Glucuronoarabinoxylan endo-1,4-beta-xylanase; EC 3.2.1.136; feraxan endoxylanase; feraxanase; endoarabinoxylanase; glucuronoxylan xylohydrolase; glucuronoxylanase; glucuronoxylan xylanohydrolase; glucuronoarabinoxylan 1,4-beta-D-xylanohydrolase

Product Information

Species	Clostridium thermocellum
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 3.2.1.136
CAS No.	123609-77-8
Molecular Weight	46.8 kDa
Purity	>90% as judged by SDS-PAGE
Concentration	0.5 mg/mL
Optimum pH	7
Optimum temperature	50 °C
Specificity	Glucuronoxylans

Storage and Shipping Information

Storage	This enzyme is shipped at room temperature but should be stored at -20 °C.