

Xylanase 10A from *Cellvibrio japonicus*, Recombinant

Cat. No. EXCJ-001

Lot. No. (See product label)

Introduction

Description Xylanase is the name given to a class of enzymes which degrade the linear polysaccharide beta-1,4-xylan into xylose, thus breaking down hemicellulose, one of the major components of plant cell walls. As such, it plays a major role in micro-organisms thriving on plant sources for the degradation of plant matter into usable nutrients. Xylanases are produced by fungi, bacteria, yeast, marine algae, protozoans, snails, crustaceans, insect, seeds, etc., (mammals do not produce xylanases).

Product Information

Species	Cellvibrio japonicus
Source	E. coli
Form	Liquid
EC Number	EC 3.2.1.8
CAS No.	9025-57-4
Molecular Weight	57.2 kDa
Purity	>90% as judged by SDS-PAGE
Activity	1,800 U/mg
Concentration	1.5 mg/ml
Optimum pH	7.0-8.0
Optimum temperature	37 °C

Storage and Shipping Information

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