

Recombinant *Fusarium solani* subsp. *cucurbitae* Cutinase

Cat. No. EXWM-3502

Lot. No. (See product label)

Introduction

Description

Cutinases are inducible extracellular enzymes secreted by microorganisms that are capable of degrading plant cell walls. They catalyze the cleavage of ester bonds of cutin, resulting in the release of cutin monomers (5-8).

Product Information

Species	<i>Fusarium solani</i> subsp. <i>cucurbitae</i> (Neocosmosporum <i>cucurbitae</i>)
Source	Yeast
Form	Liquid or Lyophilized powder
EC Number	EC 3.1.1.74
CAS No.	51377-41-4
Molecular Weight	23.7 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Activity	Not detected
Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Reaction	cutin + H ₂ O = cutin monomers
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
----------------	---