

Endo-1,3(4)-Beta-D-Glucanase from Trichoderma sp.

Product Information

Cat#	DIA-519
Source	Trichoderma sp.
Description	High purity endo-1,3(4)- β -glucanase (Trichoderma sp.) for use in research, biochemical enzyme assays and in vitro diagnostic analysis.
Form	Suspension
Activity	> 30 U/mg (40 °C, pH 4.5 on Curdlan)
CAS No.	9025-37-0
Optimum temperature	40 °C
Stability	> 1 year under recommended storage conditions
Unit Definition	One unit of endo-1,3(4)- β -D-glucanase activity is defined as the amount of enzyme required to release one μ mole of glucose-reducing-sugar equivalents per minute in the presence of Curdlan (5 mg/mL) in sodium acetate buffer (200 mM) at pH 4.5 and 40 °C.
Storage	2–8 °C
Synonyms	Glucan endo-1,3- β -D-glucosidase; 3- β -D-glucan glucanohydrolase
Buffer	3.2 M ammonium sulphate
Applications	Applications in carbohydrate and biofuels research and in the food and feeds industry.
Molecular Weight	32000 Da
Concentration	~ 50 U/mL
Specificity	Hydrolysis of (1,3)- β -D-glucosidic linkages in (1,3)- β -D-glucans.