exo-1,3-β-D-Glucanase + β-Glucosidase

11/24

E-EXBGOS

***exo*-1,3-β-glucanase from *Trichoderma* sp. (*Recombinant*)**

EC: 3.2.1.58

Synonyms: glucan 1,3-beta-glucosidase; 3-beta-D-glucan glucohydrolase

CAZy Family: GH55

CAS: 9073-49-8

β-Glucosidase from A*spergillus* sp. (*Non-recombinant*)

EC: 3.2.1.21

Synonyms: beta-glucosidase

CAZy Family: GH3

CAS: 9001-22-3

Refer to the product lot number Certificate of Analysis for lot specific properties.

PROPERTIES

1. SPECIFICITY:

***exo*-1,3-β-glucanase:** Successive hydrolysis of β-D-glucose units from the non-reducing ends of (1,3)-β-D-glucans, releasing β-glucose.

β-glucosidase: Hydrolysis of terminal, non-reducing β-D-glucosyl residues with release of β-D-glucose.

2. STORAGE CONDITIONS:

The enzyme is supplied as a suspension in 3.2 M ammonium sulphate and 0.02% (w/v) sodium azide and should be stored at 4°C. For assay, this enzyme should be diluted in sodium acetate buffer (100 mM), pH 4.0 containing 1 mg/mL BSA. **Swirl to mix the enzyme immediately prior to use.**

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