

Bioactive

## Cellulase (*T. reesei*)

Catalog # P5234      Size 250 mg

### Specification

<b>Product Description</b>	Lyophilized. Dialyzed. Lipase, protease, and nuclease free. A complex containing exo- and endoglucanase activities.
<b>Biological function</b>	Cellulase refers to a group of enzymes which, acting together, hydrolyze cellulose.
<b>Host</b>	Fungi
<b>Form</b>	Lyophilized
<b>Preparation Method</b>	Native protein chromatographically purified from <i>Trichoderma reesei</i> ATCC#26921
<b>Activity</b>	>=45 units per mg dry weight. One Unit releases 0.01 milligrams of glucose per hour from microcrystalline cellulose at 37°C, pH 5.0.
<b>Recommend Usage</b>	Cellulase Assay
<b>Storage Instruction</b>	Store at 4°C.

### Applications

- Enzyme Activity

### Publication Reference

- [Fungal lignocellulolytic enzymes and lignocellulose: A critical review on their contribution to multiproduct biorefinery and global biofuel research.](#)

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Application: Enzyme, Human, N/A