

β-Glucosidase, almond

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| Cat. No.: | HY-P2775 |
| CAS No.: | 9001-22-3 |
| Target: | Glucosidase |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |

β-Glucosidase

BIOLOGICAL ACTIVITY

Description

β-Glucosidase, almond is the rate-limiting enzyme of degradation of cellulose. β-Glucosidase is a major group among glycoside hydrolases. β-Glucosidase is involved in the degradation of cellulose in soils and has potential for monitoring biological soil quality^{[1][2][3]}.

REFERENCES

- [1]. Benjamin L.Turner, et al. β-Glucosidase activity in pasture soils. *Applied Soil Ecology*, 2002, 157-162.
- [2]. Zang X, et al. The structural and functional contributions of β-glucosidase-producing microbial communities to cellulose degradation in composting. *Biotechnol Biofuels*. 2018 Feb 27;11:51.
- [3]. Ketudat Cairns JR, et al. β-Glucosidases. *Cell Mol Life Sci*. 2010 Oct;67(20):3389-405.

Caution: Product has not been fully validated for medical applications. For research use only.

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