

Lichenase, Microorganism

Cat. No.:	HY-E70013
CAS No.:	37288-51-0
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Lichenase

SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (Need ultrasonic)
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BIOLOGICAL ACTIVITY

Description	Lichenase, Microorganism (endo-1,3:1,4- β -D-Glucanase) is a specific, endo-(1-3),(1-4)- β -D-glucan 4-glucanohydrolase. Lichenase, Microorganism solubilizes β -glucans from cereal grains and gives gluco-oligosaccharides (GOS). Lichenase, Microorganism can be used in the degradation of polysaccharides in the cell walls ^{[1][2]} .
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REFERENCES

- [1]. Huang Z, et al. Characterization of a Thermostable Lichenase from *Bacillus subtilis* B110 and Its Effects on β -Glucan Hydrolysis. *J Microbiol Biotechnol*. 2022 Apr 28;32(4):484-492.
- [2]. Tyurin AA, et al. A high throughput assay of lichenase activity with Congo red dye in plants. *Plant Methods*. 2021 Oct 9;17(1):102.

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

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