

Pectinase, aspergillus niger

Cat. No.:	HY-126386	
CAS No.:	9032-75-1	
Target:	Others	
Pathway:	Others	Pectinase, aspergillus niger
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 1 mg/mL (ultrasonic and warming and heat to 60°C)
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BIOLOGICAL ACTIVITY

Description	Pectinase (EC 3.2.1.15) is a mixed enzymes that hydrolyze pectic substances, it mostly presents in microorganisms and higher plants. Pectinase is involved in the metabolism of the cell wall as well as in the growth of the cell, senescence, ripening of fruits, pathogenesis and abscission process ^[1] .
In Vitro	<p>This product is derived fro M Aspergillus niger fermentation.</p> <p>Temperature range: effective temperature range 25-65℃, optimal operating temperature 50-60℃</p> <p>pH range: effective pH range 2.5-4.5, optimal pH 3.3-4.0.</p> <p>Activators: Ca²⁺;Mg²⁺</p> <p>Inhibitors: Cu²⁺;Fe³⁺</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

REFERENCES

[1]. Haile S, Ayele A. Pectinase from Microorganisms and Its Industrial Applications. ScientificWorldJournal. 2022 Mar 11;2022:1881305.

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

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