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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Thermostable β -Agarase

Cat. No.:	HY-P2769A
CAS No.:	37288-57-6
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Thermostable β -Agarase

BIOLOGICAL ACTIVITY

Description

Thermostable β -Agarase is a hydrolase that can hydrolyze the β -1,4 linkages in agarose to produce neoagaro-oligosaccharides, and it can be used to extract DNA and RNA from gels. Compared to conventional β -Agarase, Thermostable β -Agarase exhibits higher heat resistance and stronger hydrolytic activity. The thermostable properties of Thermostable β -Agarase simplify experimental procedures and make it suitable for the rapid purification of intact large DNA molecules^[1].

REFERENCES

[1]. Ohta Y, et al. Enzymatic properties and nucleotide and amino acid sequences of a thermostable β -agarase from the novel marine isolate, JAMB-A94[J]. Bioscience, biotechnology, and biochemistry, 2004, 68(5): 1073-1081.

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

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