

FUJIFILM

Wako

Code No. 035-25811 (10 mL)

**Cellulase, Hyperthermostable,
recombinant, Solution**
セルラーゼ, 超耐熱性, 組換え体, 溶液

【Source】

Fungus expressed *Pyrococcus horikoshii* cellulase.

【Formulation】

Acetic Acid – Sodium Acetate Buffer (pH 5)

【Activity】

Indicated on the label.

【Unit definition】

One unit is the amount of enzyme which produce the reduced carbohydrate corresponding to 1 μ mol glucose at pH 5.0, 70 °C for 1 minute.

【Optimal pH】

approx. pH 5

【Optimal temperature】

100 °C

Evaluated the optimal temperature for 10 minutes reaction with CMC as the substrate at the several temperatures.

【Thermal stability】

94 °C

Evaluated the thermal stability by the activity at 70 °C for 10 minutes reaction using the cellulases kept for 30 minutes at the several temperatures.

【Storage】

Store at 2~10 °C.

【Package】

10 mL

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