

**Urease from Jack bean**

**Product Code:** 174674

**EC no:** 3.5.1.5

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**SKU:** 174674

**Category:** [Enzymes](#)

## PRODUCT DESCRIPTION

### SPECIFICATIONS:

**EC 3.5.1.5**

**Product name:** Urea amidohydrolase

**Appearance:** white amorphous powder lyophilized

**Activity:** 150 U/mg-solid or more

**Contaminants:**  $\text{NH}_4^+ \leq 2.0 \times 10^{-4} \mu\text{mol/U}$

**Stability:** Stable at - 20 °C for at least 12 months

**Molecular weight:** Approx. 480,000

**Isoelectric point** 5.0 - 5.1

**Michaelis constants:**  $1.05 \times 10^{-2} \text{ M (Urea)}$

**Structure:** 8 active sites with SH-groups per mole of the enzyme

**Inhibitors:** Heavy metal ions ( $\text{Ag}^+$ ,  $\text{Hg}^{2+}$ , etc.)