

**Cholesterol Esterase from Microorganism.**

**Product Code:** 172703

**EC no:** 3.1.1.13

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**SKU:** 172703

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

## PRODUCT DESCRIPTION

## SPECIFICATIONS

### EC 3.1.1.13

**Product name:** Steryl-ester acylhydrolase

**Appearance:** Light brown amorphous powder lyophilized

**Activity:** Grade III, 5.0 U/mg-solid or more

**Contaminants:** Catalase  $\leq 1.0 \times 10^{-2}\%$

**Stabilizers:** Mg<sup>2+</sup>, bovine serum albumin

**Stability:** Store at - 20 °C

**Michaelis constants:**  $5.7 \times 10^{-5}$  M (Linoleate),  $7.2 \times 10^{-5}$  M (Oleate)

**Inhibitors:** Hg<sup>2+</sup>, Cu<sup>2+</sup>,

**Optimum pH:** 6.0

**Optimum temperature:** 40 °C

**pH Stability:** pH 5.0 - 10.0 (25 °C, 20hr)

**Thermal stability:** Below 40 °C (pH 7.0, 15min)