

Cholesterol Esterase from Microorganism.

Product Code: 172703

EC no: 3.1.1.13

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: Mg²⁺, bovine serum albumin

Stability: Store at - 20 °C

Michaelis constants: 5.7×10^{-5} M (Linoleate), 7.2×10^{-5} M (Oleate)

Inhibitors: Hg²⁺, Cu²⁺,

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)