

Lipoprotein Lipase from Pseudomonas sp.

Product Code: 151622

EC no: 3.1.1.34

SKU: 151622

Category: [Enzymes](#)

PRODUCT DESCRIPTION

SPECIFICATIONS:

EC 3.1.1.34

Product name: Triacylglycero-protein acylhydrolase

Appearance: Light brown amorphous powder lyophilized

Activity: Grade III, 1.0 U/mg-solid or more

Contaminants: NADH oxidase $\leq 1.0 \times 10^{-3}$ %

Phosphatase $\leq 1.0 \times 10^{-3}$ %

Catalase $\leq 2.0 \times 10^{-2}$ %

Cholesterol oxidase $\leq 2.0 \times 10^{-3}$ %

Stabilizers: Mg²⁺, bovine serum albumin

Stability: Stable at -20°C for at least one year

Molecular weight: approx. 134,000

Inhibitors: Hg^{2+} , Cu^{2+}

Optimum pH: 8.0

Optimum temperature: 40 - 45 °C

pH Stability: pH 5.5 – 10.0 (25 °C, 20hr)

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