

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: Triacylglycerol-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:** Hg²⁺, Cu²⁺ **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)