

**Lipoprotein Lipase from Pseudomonas sp.**

**Product Code:** 151622

**EC no:** 3.1.1.34

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**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:** Mg<sup>2+</sup>, bovine serum albumin **Stability:** Stable at -20°C for at least one year

**Molecular weight:** approx. 134,000 **Inhibitors:** Hg<sup>2+</sup>, Cu<sup>2+</sup> **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)