

Cholesterol Oxidase from microorganism.

Product Code: 193615

EC no: 1.1.3.6

SKU: 193615

Category: [Enzymes](#)

PRODUCT DESCRIPTION

SPECIFICATIONS

EC 1.1.3.6

Product name: Cholesterol: oxygen oxidoreductase

Appearance: Yellow to brownish lyophilized powder

Activity: > 25 U/mg

- Contaminants: Catalase \leq 1.0 %
- Cholesterol esterase: < 0.1 %
- Glucose oxidase: < 0.1 %

Stabilizers: Bovine serum albumin, amino acids

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

Molecular weight: Approx. 57,000

Michaelis constants: 4×10^{-6} M (Cholesterol)

Inhibitors: Ionic detergents, Hg^{2+}

Optimum pH: 6.5 – 8.0

Optimum temperature: 50 °C

pH Stability: pH 4.5 – 10.0 (25 °C, 20hr)

Thermal stability: Below 60 °C (pH 7.0, 15min)