

Cholesterol Esterase, Recombinant

Cat. No. DIA-416

Lot. No. (See product label)

Introduction

Description

Cholesterol esterase is capable of catalyzing the hydrolysis of cholesterol ester to produce free cholesterol and free fatty acid (FFA).

Product Information

Appearance

White or yellowish amorphous powder

EC Number

EC 3.1.1.13

CAS No.

9026-00-0

Molecular Weight

52KD

Activity

≥15U/mg

Isoelectric point

5.5

pH Stability

pH 4.0-9.0

Optimum pH

pH 5.0-8.5

Optimum temperature

45°C

Unit Definition

One unit of enzyme activity is equal to the amount of enzyme that generates 1 micromole of hydrogen peroxide (1/2 millimole of quinone dye) in 1 minute under the following reaction conditions.

Storage and Shipping Information

Storage

Stable at -20°C for at least one year