

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 $\geq 15\text{U/mg}$

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