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Certificate of Analysis and Data Sheet

Native *Candida rugosa* Cholesterol Esterase

Catalog No.
DS-01-0050

Target Species
Fungal

Introduction

Cholesterol esterase is an enzyme that catalyzes the hydrolysis of cholesterol and some other sterol esters to liberate cholesterol plus a fatty acid anion.

Activity

6 U/mg

One unit catalyses the hydrolysis of one micromole of cholesterol ester per minute in the presence of Sodium cholate at 37°C, pH 6.7

Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	■			
Functional Assays	■			

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

Formulation

Product Form: Purified enzyme from *Candida rugosa* - liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: None present

Approx. Protein Concentration: 100 mg/ml

Purity: Biuret: 90%

Storage

Store at -20°C only. Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life: 12 months from date of dispatch

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**