

Cholesterol Esterase

Cat: C9790

Specification: 1KU

Storage: Store at -20°C, and it is valid for 1 year.

Product Information

CAS: 9026-00-0

English name: Cholesterol Esterase

Alias: Cholesteryl Ester Enzyme

Molecular Weight: 30,000 Da

Appearance (Character): White Lyophilized Powder

Activity: 100-250 units/mg

Solubility: 1 mg/mL in water

Introduction

It is found primarily in pancreas and pancreatic juice, but in other tissues as well. Bile salts, such as cholate and its conjugates, act as stabilizers of the native polymeric form of the enzyme and can protect it from proteolytic degradation in the intestine. A lyophilized powder chromatographically purified to minimize protease contamination.

Definition of Enzyme Activity:

One unit hydrolyzes one micromole of cholesterol ester per minute at 37°C, pH 7.0.

Usage:

For scientific research and experimentation. It is an enzyme that catalyzes the hydrolysis of cholesterol esters to produce cholesterol and fatty acids.

Note

1. Unless otherwise specified, the biochemical reagents produced by our company are generally non-sterile packaged. If they are to be used for cell experiments, please conduct pretreatment in advance.
2. Once dissolved, please store the solution in separate containers to avoid product degradation caused by repeated freezing and thawing.
3. The product information is for reference only. If you have any questions, please call 400-968-6088 for consultation.
4. The products are all for scientific research use only. Do not use it for medical, clinical diagnosis or treatment, food and cosmetics, etc. Do not store them in ordinary residential areas.
5. For your safety and health, please wear laboratory clothes, disposable gloves and masks to operate.