

Cholesterol Esterase from *Candida Rugosa*

Product Information

| | |
|---------------------------------|---|
| Cat# | NATE-1679 |
| Similar | Cholesterol Esterase |
| Source | <i>Candida Rugosa</i> |
| Description | <p>Cholesterol esterase (CE) is also known as cholesterol ester hydrolase. This enzyme catalyzes the following reaction: Sterol Ester -----> Sterol + Fatty Acid.</p> <p>Cholesterol esterase activity has been demonstrated in pancreas, intestine, liver and kidney. The enzyme is inactivated by proteolytic enzymes but stabilized by proteolytic enzyme inhibitors and by bile salts.</p> |
| Form | Freeze dried powder |
| Enzyme Commission Number | EC 3.1.1.13 |
| Activity | 25-100 U/mg |
| CAS No. | 9026-00-0 |
| Purity | 0.9 |
| Unit Definition | That amount of enzyme which will catalyze the hydrolysis of one micromole of cholesterol ester, in the presence of sodium cholate, per minute at 37°C and pH 6.7. |
| Storage | Store at -20° C |
| Synonyms | cholesterol esterase; cholesteryl ester synthase; triterpenol esterase; cholesteryl esterase; cholesteryl ester hydrolase; sterol ester hydrolase; cholesterol ester hydrolase; cholesterase; acylcholesterol lipase; sterol esterase; CE |
| Solubility | Distilled water or dilute buffer |