

## Cholesterol Esterase from Candida Rugosa

### Product Information

<b>Cat#</b>	NATE-1679
<b>Similar</b>	Cholesterol Esterase
<b>Source</b>	Candida Rugosa
<b>Description</b>	<p>Cholesterol esterase (CE) is also known as cholesterol ester hydrolase. This enzyme catalyzes the following reaction: Sterol Ester -----&gt; 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>
<b>Form</b>	Freeze dried powder
<b>Enzyme Commission Number</b>	EC 3.1.1.13
<b>Activity</b>	25-100 U/mg
<b>CAS No.</b>	9026-00-0
<b>Purity</b>	0.9
<b>Unit Definition</b>	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.
<b>Storage</b>	Store at -20° C
<b>Synonyms</b>	cholesterol esterase; cholesteryl ester synthase; triterpenol esterase; cholesteryl esterase; cholesteryl ester hydrolase; sterol ester hydrolase; cholesterol ester hydrolase; cholesterase; acylcholesterol lipase; sterol esterase; CE
<b>Solubility</b>	Distilled water or dilute buffer