

Cholesterol esterase, Pseudomonas

Cat. No.:	HY-P2879
CAS No.:	9026-00-0
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Cholesterol esterase

SOLVENT & SOLUBILITY

In Vitro

H₂O : ≥ 50 mg/mL

* "≥" means soluble, but saturation unknown.

BIOLOGICAL ACTIVITY

Description

Cholesterol esterase, Pseudomonas is an enzyme that hydrolyzes cholesterol ester to cholesterol and free fatty acid in the intestinal lumen. Cholesterol synthesized in the acinar cells and is stored in zymogen granules. Cholesterol esterase is also known as bile salt-stimulated lipase and carboxy ester lipase, acts function for acceleration of cholesterol absorption^{[1][2]}.

REFERENCES

[1]. Ikeda I, et al. Cholesterol esterase accelerates intestinal cholesterol absorption. *Biochim Biophys Acta*. 2002 May 10;1571(1):34-44.

[2]. Myers-Payne SC, et al. Cholesterol esterase: a cholesterol transfer protein. *Biochemistry*. 1995 Mar 28;34(12):3942-7.

Caution: Product has not been fully validated for medical applications. For research use only.

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