

## carboxylesterase

Cat. No. EXWM-3434

Lot. No. (See product label)

### Introduction

**Description** Wide specificity. The enzymes from microsomes also catalyse the reactions of EC 3.1.1.2 (arylesterase), EC 3.1.1.5 (lysophospholipase), EC 3.1.1.6 (acylesterase), EC 3.1.1.23 (acylglycerol lipase), EC 3.1.1.28 (acylcarnitine hydrolase), EC 3.1.2.2 (palmitoyl-CoA hydrolase), EC 3.5.1.4 (amidase) and EC 3.5.1.13 (aryl-acylamidase). Also hydrolyses vitamin A esters.

**Synonyms** ali-esterase; B-esterase; monobutyrase; cocaine esterase; procaine esterase; methylbutyrase; vitamin A esterase; butyryl esterase; carboxyesterase; carboxylate esterase; carboxylic esterase; methylbutyrate esterase; triacetin esterase; carboxyl ester hydrolase; butyrate esterase; methylbutyrase;  $\alpha$ -carboxylesterase; propionyl esterase; nonspecific carboxylesterase; esterase D; esterase B; esterase A; serine esterase; carboxylic acid esterase; cocaine esterase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 3.1.1.1

**CAS No.** 9016-18-6

**Reaction** a carboxylic ester + H<sub>2</sub>O = an alcohol + a carboxylate

**Notes** This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

**Storage** Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.