Creative Enzymes®

Esterase from Methylobacterium populi, Recombinant

Cat. No. NATE-0243

Lot. No. (See product label)

Introduction

Description	An esterase is a hydrolase that splits esters into acids and alcohols
Applications	Esterases are used for various downstream biotechnological applications. Esterase from Methylobacterium populi is used to convert 1 μmol of 4-nitrophenyl-L-acetate per minute at pH 7.5 and 30 oc.
Synonyms	EC 3.1.1.1; 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; α-carboxylesterase; propionyl esterase; nonspecific carboxylesterase; esterase D; esterase B; esterase A; serine esterase; carboxylic acid esterase; cocaine esterase; 9016-18-6

Product Information

Species	Methylobacterium populi
Source	E. coli
EC Number	EC 3.1.1.1
CAS No.	9016-18-6
Activity	> 0.5 units/mg
Unit Definition	1 U corresponds to the amount of enzyme which converts 1 μmol 4-nitrophenyl-L-acetate per minute at pH 7.5 and 30°C.

Usage and Packaging

Package	Bottomless glass bottle. Contents are inside inserted fused cone.

Storage and Shipping Information

Storage	−20°C