Creative Enzymes®

Esterase from Paenibacillus barcinonensis, Recombinant

Cat. No. NATE-0245

Lot. No. (See product label)

Introduction

Description	An esterase is a hydrolase that splits esters into acids and alcohols
Applications	Esterase Paenibacillus barcinonensis, also known as EstA, may be useful in protein engineering studies. It has been engineered to increase enantioselectivity
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	Paenibacillus barcinonensis
Source	E. coli
EC Number	EC 3.1.1.1
CAS No.	9016-18-6
Activity	> 12 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