Creative Enzymes®

Esterase Isoenzyme 5 from Porcine liver, Recombinant

Cat. No. NATE-0232

Lot. No. (See product label)

Introduction

Description	An esterase is a hydrolase that splits esters into acids and alcohols
Applications	Esterase Isoenzymes may be used to identify the mon ocytic element in normal and leukemic cells. They may be used for the bi ochemical characterization of different hematopoietic cell lineages and stages of differentiation when studying leukemias and lymphomas. Esterase Isoenzyme 5 is recombinant and from porcine liver. It is expressed in E. coli.
Synonyms	EC 3.1.1.1; Esterase Isoenzyme 5; 9016-18-6; carboxylesterase; 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

Product Information

Species	Porcine liver
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