Creative Enzymes®

# Esterase from Pyrobaculum calidifontis, Recombinant

*Cat. No. NATE-0248*

*Lot. No.* (See product label)

## Introduction

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| ***Description*** | An esterase is a hydrolase that splits esters into acids and alcohols |
| ***Applications*** | Esterase, from Pyrobaculum calidifontis, may be used in structural biology research |
| ***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

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| ***Species*** | Pyrobaculum calidifontis |
| ***Source*** | E. coli |
| ***EC Number*** | EC 3.1.1.1 |
| ***CAS No.*** | 9016-18-6 |
| ***Activity*** | > 2.0 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

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

## Storage and Shipping Information

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| ***Storage*** | −20°C |