Creative Enzymes®

β-Lactamase Blend, Recombinant

Cat. No. NATE-0776

Lot. No. (See product label)

Introduction

Description	β--lactamase inactivates β-lactam antibiotics by breaking open the β-lactam ring.
Synonyms	β-lactamase; penicillinase; cephalosporinase; neutrapen; penicillin β-lactamase; exopenicillinase; ampicillinase; penicillin amido-β-lactamhydrolase; penicillinase I, II; β-lactamase I-III; β-lactamase A, B, C; β-lactamase AME I; cephalosporin-β-lactamase; EC 3.5.2.6; 9073-60-3

Product Information

Source	E. coli
Form	Lyophilized powder containing sodium chloride, potassium phosphate and sorbitol.
EC Number	EC 3.5.2.6
CAS No.	9073-60-3
Activity	600-1500 IU beta-lactamase I per vial; 60-100 IU beta-lactamase II per vial
Unit Definition	One unit will hydrolyze 1.0 μmole substrate per min (βI: benzylpenicillin; βII: cephalosporin C) in phosphate buffer, pH 7.0 at 25°C.

Storage and Shipping Information

Storage	2-8°C