Creative Enzymes®

# N-acyl-D-amino-acid deacylase

*Cat. No. EXWM-4472*

*Lot. No.* (See product label)

## Introduction

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| ***Description*** | The enzyme from Alcaligenes denitrificans subsp. xylosoxydans and Alcaligenes xylosoxydans subsp. xylosoxydans has wide specificity; hydrolyses N-acyl derivative of neutral D-amino acids. Used in separating D- and L-amino acids. Requires zinc. |

## Product Information

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| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 3.5.1.81 |
| ***CAS No.*** | 65979-42-2 |
| ***Reaction*** | N-acyl-D-amino acid + H2O = a carboxylate + D-amino acid |
| ***Notes*** | This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications. |

## Storage and Shipping Information

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| ***Storage*** | Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃. |