Creative Enzymes®

# (R)-2-haloacid dehalogenase

*Cat. No. EXWM-4748*

*Lot. No.* (See product label)

## Introduction

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|---|---|
| ***Description*** | Acts on acids of short chain lengths, C2 to C4, with inversion of configuration at C-2. [See also EC 3.8.1.2 (S)-2-haloacid dehalogenase, EC 3.8.1.10 2-haloacid dehalogenase (configuration-inverting) and EC 3.8.1.11 2-haloacid dehalogenase (configuration-retaining)] |
| ***Synonyms*** | 2-haloalkanoic acid dehalogenase[ambiguous]; 2-haloalkanoid acid halidohydrolase[ambiguous]; D-2-haloacid dehalogenase; D-DEX |

## Product Information

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| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 3.8.1.9 |
| ***CAS No.*** | 119345-29-8 |
| ***Reaction*** | (R)-2-haloacid + H2O = (S)-2-hydroxyacid + halide |
| ***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 ℃. |