Creative Enzymes®

# prostaglandin-E synthase

*Cat. No. EXWM-5511*

*Lot. No.* (See product label)

## Introduction

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|---|---|
| ***Description*** | Brings about the opening of the epidioxy bridge. Requires glutathione. |
| ***Synonyms*** | prostaglandin-H2 E-isomerase; endoperoxide isomerase; endoperoxide isomerase; prostaglandin R-prostaglandin E isomerase; prostaglandin endoperoxide E isomerase; PGE isomerase; PGH-PGE isomerase; PGE2 isomerase; prostaglandin endoperoxide E2 isomerase; prostaglandin H-E isomerase |

## Product Information

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|---|---|
| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 5.3.99.3 |
| ***CAS No.*** | 52227-79-9 |
| ***Reaction*** | (5Z,13E)-(15S)-9α,11α-epidioxy-15-hydroxyprosta-5,13-dienoate = (5Z,13E)-(15S)-11α,15-dihydroxy-9-oxoprosta-5,13-dienoate |
| ***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 ℃. |