Creative Enzymes®

# thioredoxin-disulfide reductase

*Cat. No. EXWM-1653*

*Lot. No.* (See product label)

## Introduction

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| ***Description*** | Thioredoxin-Disulfide Reductase for advanced research on redox reactions and enzymatic mechanisms. Ideal for biochemistry and molecular biology studies. Creative Enzymes provides high-quality, trusted products. |
| ***Synonyms*** | NADP-thioredoxin reductase; NADPH-thioredoxin reductase; thioredoxin reductase (NADPH); NADPH2:oxidized thioredoxin oxidoreductase |

## Product Information

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| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 1.8.1.9 |
| ***CAS No.*** | 9074-14-0 |
| ***Reaction*** | thioredoxin + NADP+ = thioredoxin disulfide + NADPH + H+ |
| ***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 ℃. |