Creative Enzymes®

# thermospermine synthase

*Cat. No. EXWM-2817*

*Lot. No.* (See product label)

## Introduction

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|---|---|
| ***Description*** | This enzyme is crucial for the proper functioning of xylem vessel elements in the vascular tissues of plants. |
| ***Synonyms*** | TSPMS; ACL5; SAC51 |

## Product Information

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|---|---|
| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 2.5.1.79 |
| ***Reaction*** | S-adenosyl 3-(methylthio)propylamine + spermidine = S-methyl-5'-thioadenosine + thermospermine + 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 ℃. |