

## sym-norspermidine synthase

Cat. No. EXWM-2760

Lot. No. (See product label)

### Introduction

#### Description

The enzyme has been originally characterized from the protist *Euglena gracilis*. The enzyme from the archaeon *Sulfolobus solfataricus* can transfer the propylamine moiety from S-adenosyl 3-(methylthio)propylamine to putrescine, sym-norspermidine and spermidine with lower efficiency. cf. EC 2.5.1.16 (spermidine synthase) and EC 2.5.1.22 (spermine synthase).

#### Synonyms

S-adenosylmethioninamine:propane-1,3-diamine 3-aminopropyltransferase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.5.1.23

#### Reaction

S-adenosyl 3-(methylthio)propylamine + propane-1,3-diamine = S-methylthioadenosine + bis(3-aminopropyl)amine

#### 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

#### Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.