

## adenosylhomocysteinase

Cat. No. EXWM-3992

Lot. No. (See product label)

### Introduction

#### Description

The enzyme contains one tightly bound NAD<sup>+</sup> per subunit. This appears to bring about a transient oxidation at C-3' of the 5'-deoxyadenosine residue, thus labilizing the thioether bond (for mechanism, [click here](#)), cf. EC 5.5.1.4, inositol-3-phosphate synthase.

#### Synonyms

S-adenosylhomocysteine synthase; S-adenosylhomocysteine hydrolase (ambiguous); adenosylhomocysteine hydrolase; S-adenosylhomocysteinase; SAHase; AdoHcyase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.3.1.1

#### CAS No.

9025-54-1

#### Reaction

S-adenosyl-L-homocysteine + H<sub>2</sub>O = L-homocysteine + adenosine

#### 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.