

## S-Adenosyl-L-Homocysteine Hydrolase, Recombinant

Cat. No. NATE-1150

Lot. No. (See product label)

### Introduction

**Description** Enzyme in vertebrates which catabolizes S-adenosyl-L-homocysteine.

**Synonyms** Adenosylhomocysteinase; EC 3.3.1.1; S-adenosylhomocysteine synthase; S-adenosylhomocysteine hydrolase; adenosylhomocysteine hydrolase (ambiguous); S-adenosylhomocysteinase; SAHase; AdoHcyase; 9025-54-1

### Product Information

**Appearance** White powder, lyophilized

**EC Number** EC 3.3.1.1

**Molecular Weight** About 44kDa (SDS-PAGE detection)

**Purity** >90% (SDS-PAGE test)

**Activity** 10U/mg

**Isoelectric point** 6.15

**pH Stability** 6.0-8.0

**Buffer** Tris buffer, pH8.0

**Unit Definition** One unit will catalyze 1.0  $\mu$ mole of S-adenosyl-L-homocysteine to adenosine and Hcy per min at pH 7.4 at 37°C.

### Storage and Shipping Information

**Storage** Redissolved in 20% glycerol, 4°C, store at -20°C for long-term preservation, Avoid multiple freeze-thaw cycles.