

## histamine N-methyltransferase

Cat. No. EXWM-1981

Lot. No. (See product label)

### Introduction

**Description** Histamine N-methyltransferase (HMT, HNMT) is an enzyme that in humans is encoded by the HNMT gene. Histamine N-methyltransferase is one of two enzymes involved in the metabolism of histamine, the other being diamine oxidase. Histamine N-methyltransferase catalyzes the methylation of histamine in the presence of S-adenosylmethionine (SAM) forming N-methylhistamine.

**Synonyms** histamine 1-methyltransferase; histamine methyltransferase; histamine-methylating enzyme; imidazole-methyltransferase; S-adenosylmethionine-histamine N-methyltransferase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.1.1.8

**CAS No.** 9029-80-5

**Reaction** S-adenosyl-L-methionine + histamine = S-adenosyl-L-homocysteine + N $\tau$ -methylhistamine

**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.