

## pantetheine hydrolase

Cat. No. EXWM-4484

Lot. No. (See product label)

### Introduction

**Description** The enzyme hydrolyses only one of the amide bonds of pantetheine. The substrate analogues phosphopantetheine and CoA are not substrates. The enzyme recycles pantothenate (vitamin B5) and produces 2-aminoethanethiol (cysteamine), a potent anti-oxidant.

**Synonyms** pantetheinase; vanin; vanin-1

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 3.5.1.92

**CAS No.** 56093-18-6

**Reaction** (R)-pantetheine + H<sub>2</sub>O = (R)-pantothenate + 2-aminoethanethiol

**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.