

## Aminopeptidase from Aeromonas, Recombinant

Cat. No. NATE-0811

Lot. No. (See product label)

### Introduction

#### Description

Aeromonas Aminopeptidase is used in the processing of pharmaceutical proteins produced by genetic engineering as well as for physical and structural investigations and for sequence and amino-terminal determinations. This exopeptidase recognizes a specific stop sign at -X-Pro and requires a free α-amino group in the L-configuration. It is therefore suitable for the removal of the redundant N-terminal methionine often added to engineered recombinant proteins.

#### Synonyms

Aeromonas Aminopeptidase; Aminopeptidase

### Product Information

#### Source

Aeromonas

#### Appearance

Sterile filtered liquid formulation.

#### Activity

120 Units/mg protein

#### Buffer

Buffered solution containing 2-5 mg/ml in 10mM Tris-HCL, 100mM NaCl, 5μM ZnSO<sub>4</sub>, pH 8.0.

#### Unit Definition

One unit of Recombinant Aeromonas Aminopeptidase will hydrolyse 1 umole of L-leucine p-nitroanilide at 25°C per 1 minute.

### Storage and Shipping Information

#### Stability

Two years when stored at -20°C, 2 weeks at 4°C. Please avoid freeze-thaw cycles.