

## 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  $\alpha$ -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, 5 $\mu$ M 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.