Creative Enzymes®

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 produces 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 a-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 ZnSO4, 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.