

Recombinant Aeromonas Aminopeptidase

Certificate of Analysis and Data Sheet

➤ Source:	➤ Catalog No. ENZ-275
------------------	---------------------------------

➤ **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.

➤ **Physical Appearance:**

Sterile filtered liquid formulation.

➤ **Formulation:**

Buffered solution containing 2-5 mg/ml in 10mM Tris-HCL, 100mM NaCl, 5 μ M ZnSO₄, pH 8.0.

➤ **Stability:**

Two years when stored at -20°C, 2 weeks at 4°C.

Please avoid freeze-thaw cycles.

➤ **Unit definition:**

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

➤ **Biological Activity:**

Recombinant Aeromonas Aminopeptidase was found to have an activity of 120 Units/mg protein.

➤ **Endotoxin:**

Less than 0.1 ng/ μ g (IEU/ μ g) of Aminopeptidase.

➤ **Usage:**

This material is offered for research, laboratory or further evaluation purposes.