Recombinant Aeromonas Aminopeptidase

Catalog No.	CRA002A CRA002B CRA002C	**Quantity:**	100 U 250 U 500 U

Alternate Names: Bacterial leucyl aminopeptidase, EC 3.4.11.10

Description: The 29.0 kDa Aeromonas Aminopeptidase is produced by genetic engineering and can be used for physical & structural investigations, 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.

Concentration: 446 Units/ml

Source: *Aeromonas Proteolytica*

Formulation: Sterile filtered concentrated (446 Units/ml) liquid in a buffered solution containing 10 mM Tris-HCl + 100 mM NaCl + 5 µM $ZnSO_4$, pH 8.0.

Purity: >98.0% as determined by RP-HPLC and SDS-PAGE.

Specific Activity: 120 Units/mg protein. One unit is defined as the amount of enzyme that hydrolyses 1 µmol of L-leucine p-nitroanilide at 25°C per minute.

Storage & Stability: Product is stable for two years when stored at -20°C and for 2 weeks at 2-4°C. Avoid repeated freeze-thaw cycles.

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