

Recombinant *Aeromonas* Aminopeptidase

Catalog No.	CRA002A	Quantity:	100 IU
	CRA002B		250 IU
	CRA002C		500 IU

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 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.

Concentration: 2.1 mg(252 IU)/mL

Source: *Aeromonas Proteolytica*

Formulation: Sterile filtered liquid in a buffered solution containing 10 mM Tris-HCl, 100 mM NaCl, 5 μ M ZnSO₄, pH 8.0.

Purity: >95.0% by SEC-HPLC

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

Storage & Stability: Store at -20 °C for up to one year.

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