

Recombinant *Aeromonas* Aminopeptidase

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

Alternate Names: Bacterial leucyl aminopeptidase, EC 3.4.11.10, AMPX

Description: *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.

UniProt ID: Q01693

Source: *Aeromonas proteolytica*

Molecular Weight: 29 kDa

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

Purity: > 95.0% by SEC-HPLC

Concentration: ~2 mg/ml, lot specific

Specific Activity: 108 U/mg protein. One unit is defined as the amount of enzyme that hydrolyzes 1 μmol of p-nitroaniline at 25°C per minute.

Storage & Stability: Store at 2-8°C for up to 1 week. It is recommended to prepare working aliquots and store at -20°C to -80°C for up to one year.

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