

## Aeromonas Aminopeptidase, Recombinant

<b>CATALOG NO:</b>	P1277-100, 500	100 µg, 500 µg
<b>ALTERNATE NAMES:</b>	Aminopeptidase, Aeromonas Aminopeptidase, Vibrio proteolyticus (Aeromonas proteolytica), Bacterial leucyl aminopeptidase, EC 3.4.11.10.	
<b>SOURCE:</b>	E.coli	
<b>PURITY:</b>	≥ 98% by SDS-PAGE	
<b>MOL. WEIGHT:</b>	31.4 kDa	
<b>FORM:</b>	Lyophilized	
<b>STORAGE CONDITIONS:</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.	
<b>BIOLOGICAL ACTIVITY:</b>	Sequentially cleaves N-terminal amino acids except E, D, and X-P.	
<b>RECONSTITUTION:</b>	DI water (~1 mg/ml)	
<b>DESCRIPTION:</b>	Proteases (also called Proteolytic Enzymes, Peptidases, or Proteinases) are enzymes that hydrolyze the amide bonds within proteins or peptides. Most proteases act in a specific manner, hydrolyzing bonds at, or adjacent to specific residues, or a specific sequence of residues contained within the substrate protein or peptide. Proteases play an important role in most diseases and biological processes, including prenatal and postnatal development, reproduction, signal transduction, the immune response, various autoimmune and degenerative diseases, and cancer. They are also an important research tool, frequently used in the analysis and production of proteins. Recombinant Aeromonas Aminopeptidase is a 31.4 kDa protein containing 291 amino acid residues.	

### RELATED PRODUCTS:

- ANPEP/CD13 Antibody (Clone # 505CT12.1.2) (**Cat. No. 6794**)
- Aminopeptidase N (APN/CD13) Activity Assay Kit (Fluorometric) (**Cat. No. K523**)
- Bestatin hydrochloride (**Cat. No. 9630**)
- CENTA β-lactamase substrate (**Cat. No. 2394**)
- Human Recombinant BLMH (**Cat.No. 6392**)
- Human CellExp™ DPPII / QPP / DPP7, human recombinant (**Cat. No. 7512**)
- Leucine Aminopeptidase (LAP) Activity Assay Kit (Fluorometric) (**Cat. No. K534**)

**FOR RESEARCH USE ONLY! Not to be used on humans.**