

Aeromonas Aminopeptidase Active Protein

Recombinant Aeromonas Aminopeptidase

CATALOG #
AAA38247

HOST
Aeromonas Proteolytica

PRODUCT SYNONYMS

Aeromonas Aminopeptidase; Recombinant Aeromonas Aminopeptidase; Bacterial leucyl aminopeptidase; EC 3.4.11.10; Aeromonas Aminopeptidase active protein

PRODUCT SPECIFICATIONS

Host	Aeromonas Proteolytica
Purity/Purification	Greater than 95.0% as determined by SEC-HPLC.
Form/Format	Buffered solution containing 10mM Tris-HCl, 100mM NaCl and 5 uM ZnSO ₄ , pH 8.0. Physical Appearance: Sterile filtered liquid formulation at concentration of 2.9mg (313 Units)/ml
Sequence Length	504
Unit Definition	One unit of aminopeptidase activity is defined as the amount of enzyme that releases 1 umole p-nitroaniline at 25°C in 1 minute.
Biological Activity	Recombinant Aeromonas Aminopeptidase was found to have an activity of 108 Units/mg protein.
Preparation and Storage	Two years when stored at -20°C, 2 weeks at 4°C.

ADDITIONAL INFORMATION

Related Product Information for Aeromonas Aminopeptidase active protein	Description: The 29 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.
Product Categories/Family for Aeromonas Aminopeptidase active protein	Enzymes; Peptidase

NCBI AND UNIPROT INFORMATION

NCBI GI #	399037
UniProt Accession #	Q01693
NCBI Official Full Name	Bacterial leucyl aminopeptidase
UniProt Protein Name	Bacterial leucyl aminopeptidase
UniProt Entry Name	AMPX_VIBPR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/aeromonas-proteolytica-active-protein/aeromonas-aminopeptidase/38247>