

Recombinant Aeromonas Aminopeptidase

#R00511

Size: 100 µg/500 µg

Stability & Storage

- Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
- 12 months from date of receipt, -20 to -70 °C as supplied.
 - 1 month, 2 to 8 °C under sterile conditions after reconstitution.
 - 3 months, -20 to -70 °C under sterile conditions after reconstitution.



Warning: This product is intended for scientific research only. It is not to be used for medical or diagnostic procedures in humans or animals, nor as a food, cosmetic, or household product.

AA Sequence

MPPITQQATVTAWLPQVDASQITGTISSLESFTNRFYT
TTSGAQASDWIASEWQALSASLPNASVKQVSHSGY
NQKSVVMTITGSEAPDEWIVIGGHLDSTIGSHTNEQS
VAPGADDDASGIAAVTEVIRVLENNFQPKRSIAFMAY
AAEEVGLRGSQDLANQYKSEGKNVVSALQLDMTNY
KGSAQDVVFITDYTDSNFTQYLTQLMDEYLPSLTYGF
DTCGYACSDHASWHNAGYPAAMPFESKFNDYNPRI
HTTQDTLANS DPTGSHAKKFTQLGLAYA IEMGSATG

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer to a concentration of 0.1-1.0 mg/ml. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

Product Specification

Accession	Q01693
Source	Escherichia coli.
Molecular Weight	Approximately 31.4 kDa, a single non-glycosylated polypeptide chain containing 291 amino acids.
Purity	> 98 % by SDS-PAGE and HPLC analyses.
Biological Activity	Sequentially cleaves N-terminal amino acids except E, D, and X-P.
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM Tris, 150 mM NaCl, 5µM ZnSO4, pH 8.0.
Endotoxin	Less than 0.1 EU/µg of

rAeromonas Aminopeptidase as determined by LAL method.