

Recombinant Aeromonas Aminopeptidase

Information

Gene ID	
Accession #	Q01693
Alternate Names	
Source	Escherichia coli.
M.Wt	Approximately 31.4 kDa, a single non-glycosylated polypeptide chain containing 291 amino acids.
AA Sequence	MPPITQQATV TAWLPQVDAS QITGTISSLE SFTNRFYTTT SGAQASDWIA SEWQALSASL PNASVKQVSH SGYNQKSVVM TITGSEAPDE WIVIGGHLDS TIGSHTNEQS VAPGADDDAS GIAAVTEVIR VLSENNFQPK RSIAFMAYAA EEVGLRGSQD LANQYKSEK NVVSALQLDM TNYKGSQADV VFITDYTDSN FTQYLTQLMD EYLPSTLYGF DTCGYACSDH ASWHNAGYPA AMPFESKFND YNPRIHTTQD TLANSPTGS HAKKFTQLGL AYAIEMGSA G
Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
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
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM Tris, 150 mM NaCl, 5µM ZnSO ₄ , pH 8.0.
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.
Biological Activity	Sequentially cleaves N-terminal amino acids except E, D, and X-P.
Shipping Condition	Gel pack.
Handling	Centrifuge the vial prior to opening.
Usage	For Research Use Only! Not to be used in humans.

Components and Storage

Components	100µg	500µg
Recombinant Aeromonas Aminopeptidase	100µg	500µg

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- 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

Quality Control

Purity	> 98 % by SDS-PAGE and HPLC analyses.
Endotoxin	Less than 0.1 EU/μg of rAeromonas Aminopeptidase as determined by LAL method.

Description

Reference

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