

Recombinant Aeromonas CED40 protein

Cat. No. CED40 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Aeromonas CED40 protein was expressed in Escherichia coli.
Species	Aeromonas
Source	E.coli
ProteinLength	291
Form	Lyophilized from a 0.2µm filtered concentrated solution in 20 mM Tris, 150 mM NaCl, 5µM ZnSO ₄ , pH 8.0.
Bio-activity	Sequentially cleaves N-terminal amino acids except E, D, and X-P.
Molecular Mass	Approximately 31.4 kDa, a single non-glycosylated polypeptide chain containing 291 amino acids.
AA Sequence	MPPITQQATVTAWLPQVDASQITGTISSLESFTNRFYTTTSGAQASDWIASEWQALS ASLPNASVKQVSHSGYNQKSVVMTITGSEAPDEWIVIGGHLDSTIGSHTNEQSVAPG ADDDASGIAAVTEVIRVLSENNFPKRSIAFMAYAAEEVGLRGSQDLANQYKSEGKN VVSALQLDMTNYKGSAQDVVFITDYTDSNFTQYLTQLMDEYLPSTLYGFDTTCGYAC SDHASWHNAGYPAAMPFESKFNDYNPRIHTTQDTLANS DPTGSHAKKFTQLGLAYA IEMGSATG
Endotoxin	Less than 0.1 EU/g of rAeromonas Aminopeptidase as determined by LAL method.

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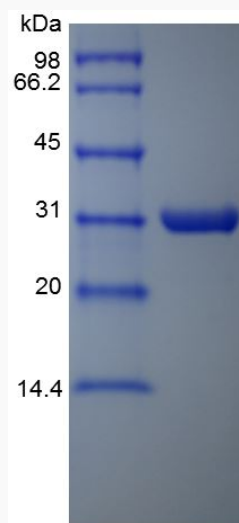
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Purity	>98% by SDS-PAGE and HPLC analysis.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
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 centigrade. Further dilutions should be made in appropriate buffered solutions.

GENE INFORMATION

UniProt ID [Q01693](#)

SDS-PAGE of CED40



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