



Recombinant *Synechococcus elongatus* Probable cytosol aminopeptidase (pepA)

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|--------------------------|--|
| Product Code | CSB-EP517418FPY-B |
| Storage | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| Uniprot No. | O06865 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MTFQAIATHP QDWTGDTLAL GLTTAAIGET LSSELQKLDQ QWNGVLQELI SDSEFKAKLA ETTTTRIGGS IRKLILVGLG ESPTTEDYRR AAAAVAKQAR SFKSQTLAIA FPPSDDPAI ASAIVEGISE ALYKDQRFKS EPDTASGPSS IELLGLAGQE AAIARAEQVV AGVELARQLV AAPANVVTPV TMADTAQELA AELGLELEIL EADECEKGRM GAFLGVAKAS DLPPKFIHLT YRPESTPRRK LAIVGKGLTF DSGGYNIKGA GSGIEMMKT MGGAAATLGA AKAIGLIKPD VEVHFISAVT ENMISGRGMH PGDILTASNG KTIEVNNTDA EGRLTLADAL VFADGLGVDA IVDLATLTGA CIALGDDIA GLWSPSDDLA EQLLQAGKAA GEKLWRLPLE EPYLDGLKSP VADYKNTGPR AGGSITAALF LKQFVKHPVW AHLDVAGPVW SDKEKHYNPA GATGYGVRTL VNWVLS |
| Source | E.coli |
| Target Names | pepA |
| Protein Names | Recommended name: Probable cytosol aminopeptidase EC= 3.4.11.1 Alternative name(s): Leucine aminopeptidase Short name= LAP EC= 3.4.11.10 Leucyl aminopeptidase |
| Expression Region | 1-486 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | full length protein |
| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| Shelf Life | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life |



of lyophilized form is 12 months at -20°C/-80°C.