



# Recombinant Escherichia coli Phosphate acetyltransferase (pta)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-EP364356ENV   |
| <b>Storage</b>           | 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.   |
| <b>Uniprot No.</b>       | P0A9M8  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Escherichia coli (strain K12)   |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | SRIIMLIPT GTSVGLTSVS LGVIRAMERK GVRLSVFKPI AQPRTGGDAP<br>DQTTTIVRAN SSTTTAAEPL KMSYVEGLLS SNQKDVLMEE IVANYHANTK<br>DAEVVLVEGL VPTRKHQFAQ SLNYEIAKTL NAEIVFVMSQ GTDTPEQLKE<br>RIELTRNSFG GAKNTNITGV IVNKLNPVD EQGRTRPDL S EIFDDSSKAK<br>VNNVDPKALQ ESSPLPVLGA VPWSFDLIAT RAIDMARHLN ATIINEGDIN<br>TRRVKSVTFC ARSIPHMLEH FRAGSLLVTS ADRPDVLVAA CLAAMNGVEI<br>GALLLTGGYE MDARISKLCE RAFATGLPVF MVNTNTWQTS LSLQSFNLEV<br>PVDDHERIEK VQEYVANYIN ADWIESLTAT SERSRRLSPP AFRYQLTELA<br>RKAGKRIVLP EGDEPRTVKA AAICAERGIA TCVLLGNPAE INRVAASQGV<br>ELGAGIEVD PEVVRESYVG RLVELRKNKG MTETVAREQL EDNVVLGTLM<br>LEQDEVDGLV SGAVHTTANT IRPPLQLIKT APGSSLVSSV FFMLLPEQVY<br>VYGDCAINPD PTAEQLAEIA IQSADSAAAF GIEPRVAMLS YSTGTSGAGS<br>DVEKVREATR LAQEKRPDLM IDGPLQYDAA VMADVAKSKA PNSPVAGRAT<br>VFIFPDLNTG NTTYKAVQRS ADLISIGPML QGMRKPVNDL SRGALVDDIV<br>YTIALTAIQS AQQQ |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | pta   |
| <b>Protein Names</b>     | Recommended name: Phosphate acetyltransferase EC= 2.3.1.8 Alternative name(s): Phosphotransacetylase  |
| <b>Expression Region</b> | 2-714   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | Full Length of Mature Protein   |
| <b>Reconstitution</b>    | 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.

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