



Recombinant Dictyostelium discoideum UMP-CMP kinase (pyrK)

| | |
|--------------------------|---|
| Product Code | CSB-BP005616DKK |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P20425 |
| Product Type | Recombinant Protein |
| Immunogen Species | Dictyostelium discoideum (Slime mold) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MMEKSKPNVV FVLGGPGSGK GTQCANIVRD FGWVHLSAGD LLRQEQQSGS KDGEMIATMI KNGEIVPSIV TVKLLKNAID ANQGKNFLVD GFPRNEENNN SWEENMKDFV DTKFVLFFDC PEEVMTQRLK KRGESSGRSD DNIESIKKRF NTFNVQTKLV IDHYNKFDKV KIIPANRDVN EVYNDVENLF KSMGF |
| Source | Baculovirus |
| Target Names | pyrK |
| Protein Names | Recommended name: UMP-CMP kinase EC= 2.7.4.14 Alternative name(s): Deoxycytidylate kinase Uridine monophosphate/cytidine monophosphate kinase Short name= UMP/CMP kinase Short name= UMP/CMPK |
| Expression Region | 1-195 |
| 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. |