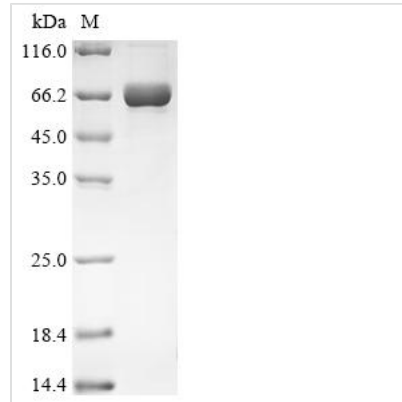




Recombinant *Toxoplasma gondii* non-specific serine/threonine protein kinase (CDPK1)

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|--------------------------|--|
| Product Code | CSB-EP4372TOV |
| Abbreviation | Recombinant <i>Toxoplasma gondii</i> CDPK1 protein |
| 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. | Q9BJF5 |
| Form | Liquid or Lyophilized powder |
| Storage Buffer | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose. |
| Product Type | Recombinant <i>Toxoplasma gondii</i> Calmodulin-domain protein kinase 1 (CDPK1) |
| Immunogen Species | <i>Toxoplasma gondii</i> |
| Purity | ≥ 90% as determined by SDS-PAGE. |
| Sequence | MGQQESTLGGAAGEPRSRGHAAGTSGGGPGDHLHATPGMFVQHSTAIFSDRY KGQRVLGKGSFGEVILCKDKITGQECVAVKVISKRQVKQKTDKESLLREVQLLK QLDHPNIMKLYEFFEDKGYFYLVGEVYTGGELEFDEIISRKRKFSEVDAARIIRQVL SGITYMHKNKIVHRDLKPENLLLESKSKDANIRIIDFGLSTHFEASKMKDKIGTA YYIAPEVLHGTYDEKCDVWSTGVILYILLSGCPPFNGANEYDILKKVEKGKYTFE LPQWKKVSESAKDLIRKMLTYVPSMRISARDALDHEWIQTYTKEQISVDVPSLD NAILNIRQFQGTQKLAQAALLYMGSKLTSQDETKELTAIFHKMDKNGDGLDR AELIEGYKELMRMKGQDASMLDASAVEHEVDQVLDVDFDKNGYIEYSEFVTV AMDRKTLLSRERLERAFRSMFSDNSGKISSTELATIFGVSDVDSETWKSVLSE VDKNNDGEVDFDEFQQLLKLKCGN |
| Research Area | Others |
| Source | E.coli |
| Target Names | CDPK1 |
| Expression Region | 1-507aa |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | N-terminal 10xHis-tagged |
| Mol. Weight | 63.3 kDa |
| Protein Length | Full Length |
| Image | |



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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

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