



Recombinant Rickettsia typhi ATP synthase subunit beta (atpD)

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|--------------------------|---|
| Product Code | CSB-YP715052RNE |
| Abbreviation | atpD |
| 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. | Q68VU8 |
| Product Type | Recombinant Protein |
| Immunogen Species | Rickettsia typhi (strain ATCC VR-144 / Wilmington) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MTQNIQKITQ VISAVVDVKF TNNSKLPEIL NALECYNKQ RIVLEVAQHI GDDTVRCISM GSTEGLIRGL EVIDTGNPIH IPVGIATLGR IMNVVGEPID GKGEIKSSTI SSIYKPAPDF INQSTERDIL VTGIKVVDDL APYTKGGKIG LFGGAGVGKT VLIMELINNV AKAHGGYTVF AGVGERTREG NDLYHEMIAS GVINLEAPEK SKVALVYGQM NEPPGARARV ALSGLTIAES FRDMNAGQDV LFFVDNIFRF TQAGAEVSAL LGRIPSAVG Y QPTLATDMGE LQERITSTKH GSITSVQAIY VPADDLTDPA PSTSFAHLDA TTVLSRQIAE LGIYPAVDPL DSNSQVLDPM IVGEEHYSVA RQVQQVLQTY KSLQDIIAIL GMDELSEEDK LTVSRARKIQ RFLSQPFHVA EVFTGVEGKF VNLDDTIAGF KGLVEGKYDD LPEAAFYVMVG TIDEAVEKAK ILKI |
| Source | Yeast |
| Target Names | atpD |
| Protein Names | Recommended name: ATP synthase subunit beta EC= 3.6.3.14 Alternative name(s): ATP synthase F1 sector subunit beta F-ATPase subunit beta |
| Expression Region | 1-474 |
| 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.