



# Recombinant Schizosaccharomyces pombe Probable ATP-citrate synthase subunit 2 (SPAC22A12.16)

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| <b>Product Code</b>      | CSB-YP519321SXV  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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>       | O13907   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)  |
| <b>Sequence</b>          | MSAKSIREYD GKAVLAYWLN RSPSISKEEY KTVSATPAVQ LAQIQFPLPT<br>LVIPAESTTY REVVEDVFAK VEQEHPWVKE TKLVAKPDQL IKRRGKSGLL<br>KLNATWDEAK EWIRERAGKN QKVQHAVGYL TFLVPEFVPP HPPNTEYYIN<br>INSVREGDWI LFCNEGGVDV GDVDAKARKL LVPVRLSEFP SRATIASTLL<br>SDIPVEQHEH LVDFIIRLYS VYVDCQFTYL EINPLVVIPT AKGADVIFYLD<br>LAAKLDQTAE FECGAKWAVA RAPERLGIKT SGEESGAINA DHGPPMVFP<br>PFGRELSKEE AYVQGLDAKT GASLKLTLN AEGRVWNLVA GGGASVVYAD<br>AVAVNGAADE LANYGEYSGA PTDGQTYEYA KTVLDLMTRG EPRADGKVLV<br>IGGGIANFTS PAVTFRAIAR ALGDYKDKLH AHKVSIVVRR AGPNYQEGLR<br>VIREAGKKFD LPLKVYGPPEC HISGIVPMGL GKAPVEAEWQ MA |
| <b>Source</b>            | Yeast  |
| <b>Target Names</b>      | SPAC22A12.16   |
| <b>Protein Names</b>     | Recommended name: Probable ATP-citrate synthase subunit 2 EC= 2.3.3.8<br>Alternative name(s): ATP-citrate (pro-S-)-lyase 2 Citrate cleavage enzyme subunit 2   |
| <b>Expression Region</b> | 1-492  |
| <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 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.  |
| <b>Shelf Life</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.