



# Recombinant Schizosaccharomyces pombe Carbamoyl-phosphate synthase arginine-specific small chain (arg5)

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| <b>Product Code</b>      | CSB-BP525302SXV  |
| <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>       | O60060   |
| <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>          | MLRFLKPFPL RFGKRFYSKV PPVTNHERIL PKQPSFPTAP AQNEIATLTI<br>RNGPIFHGTS FGANRNVSGE AVFTTSPVGY VESLTDPSYK QQILIFTQPL<br>IGNYGVDPCK KRDENGLLRH FESPHIQCAG VVVNDYATKY SHWTAVESLG<br>EWCAREGVAA ITGVDTRAIV TFLREQGSSL AKISIGEEYD ANDDEAFINP<br>EEVNLVSQVS TREPFFVSGG DGMLNIAVID CGVKENILRS LVSARGASVTV<br>PPFDYPIQNV ASNYDGIFLT NGPGDPHTLT KTVNNLRELM NTYNGPIMGI<br>CMGHQLLALS TGAKTIKLY GNRGHNIPAL DIASGNCHIT SQNHGYAVDA<br>STLPAEWKAT WTNLNDQSNE GIAHVS RPIS SVQFHPEAR GPMDFYLF<br>DYIYKAIKYQ KSRTA |
| <b>Source</b>            | Baculovirus  |
| <b>Target Names</b>      | arg5   |
| <b>Protein Names</b>     | Recommended name: Carbamoyl-phosphate synthase arginine-specific small chain Short name= CPS-A EC= 6.3.5.5 Alternative name(s): Arginine-specific carbamoyl-phosphate synthetase, glutamine chain  |
| <b>Expression Region</b> | 1-415  |
| <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.   |



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