



Recombinant *Ashbya gossypii* Carbamoyl-phosphate synthase arginine-specific small chain (CPA1)

Product Code	CSB-EP765599DOT
Abbreviation	CPA1
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.	Q752N9
Product Type	Recombinant Protein
Immunogen Species	<i>Ashbya gossypii</i> (strain ATCC 10895 / CBS 109.51 / FGSC 9923 / NRRL Y-1056) (Yeast) (<i>Eremothecium gossypii</i>)
Purity	>85% (SDS-PAGE)
Sequence	MTSDEAKKAR FCLHGGPSYE GYSFGAPVSV GGEVVFTTSL VGYPDSMTDP SYKGQILVFT QPLIGNYGVP DGSVRDQYGL LKYMESSKVH VSAIVVAEYA WEYSHWTAVQ SLGDWCRKEG VAAIGGIDTR AVVQYLRESG STMGRVDVEG AAASARVVDV SKVNLVAQVS TKSPFYIPGK PSRVNYDVAL VDCGVKENIL RCLVVRGVNV TVFPYDYDVC SIAHHFDGVF ISNGPGDPIH YRNSTVANLR RLLQDPDLQQ VPIFGICMGH QLLALAAGAS TVKMKYGNRA HNIPALDLST GQCHITSQNH GYAVDAATLP RDEFVPLFVN LNDKSNEGII HVSRIYSTQ FHPEGKGGPM DCSFLFDEYV ERMRCYRKLF RQEPFIRFPV IGLPKARVL
Source	<i>E. coli</i>
Target Names	CPA1
Protein Names	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
Expression Region	1-399
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.