



Recombinant *Saccharomyces cerevisiae* Carbamoyl-phosphate synthase arginine-specific small chain (CPA1)

Product Code	CSB-EP357068SVG
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.	P07258
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MSSAATKATF CIQNGPSFEG ISFGANKSVA GETVFTTSLV GYPESMTDPS YRGQILVFTQ PLIGNYGVPS GEARDEYNLL KYFESPHIHV VGIVVAEYAY QYSHWTAVES LAQWCQREGV AAITGVDTRE LVQYLREQGS SLGRITLADH DPVPYVNPMK TNLVAQVTTK KPFHVSALPG KAKANVALID CGVKENIIRC LVKRGANVTV FPYDYRIQDV ASEFDGIFLS NGPGNPELCQ ATISNVRELL NNPVYDCIPI FGICLGHQLL ALASGASTHK LKYGNRAHNI PAMDLTGQC HITSQNHGYA VDPETLPKDQ WKPYPVNLND KSNEGMIHLQ RPIFSTQFHP EAKGGPLDTA ILFDKFFDNI EKYQLQSQAK SSISLKVITYS TDKSRLQSIN VTKLAKERVL F
Source	E.coli
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	1-411
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.



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