



Recombinant *Saccharomyces cerevisiae* Argininosuccinate synthase (ARG1)

Product Code	CSB-EP002234SVG
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P22768
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MSKGGVCLAY SGGLDTSVIL AWLLDQGYEV VAFMANVGQE EDFDAAKEKA LKIGACKFVC VDCREDFVKD ILFPAVQVNA VYEDVYLLGT SLARPVIKA QIDVAKQEGC FAVSHGCTGK GNDQIRFELS FYALKPDVKC ITPWRMPEFF ERFAGRKDLL DYAAQKGIPV AQTAKPWST DENQAHISYE AGILEDPDTT PPKDMWKLIV DPMDAPDQPQ DLTIDFERGL PVKLTYPDNDK TSKEVSVTKP LDVFLAASNLD ARANGVGRID IVEDRYINLK SRGCYEQAPL TVLRKAHVLD EGLTLDKEVR QLRDSFVTPN YSRLIYNGSY FTPECEYIRS MIQPSQNSVN GTVRVRLYKG NVIILGRSTK TEKLYDPTES SMDELTGFLP TDTTGFAIQ AIRIKKYGES KKTKGEELTL
Source	<i>E.coli</i>
Target Names	ARG1
Protein Names	Recommended name: Argininosuccinate synthase EC= 6.3.4.5 Alternative name(s): Citrulline--aspartate ligase
Expression Region	1-420
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.