



Recombinant *Saccharomyces douglasii* Argininosuccinate lyase (ARG4)

Product Code	CSB-EP002213SVS-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P41906
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces paradoxus</i> (Yeast) (<i>Saccharomyces douglasii</i>)
Purity	>85% (SDS-PAGE)
Sequence	MSDGTQKLWG GRFTGETDPL MHLYNASLPY DYKMYKADLE GTKVYTAGLQ KLGLLTDAEL AKIHEGLAEI QKEWDADKFV RHPNDEDIHT ANERRLGEII GREIAGKVHT GRSRNDQVVT DLRIYCRDVV NDTLFPALKG LVDVLIKRAE GEIDILMPGY THLQRAQPIR WSHWLSSYAT YFTEDYKRLG QILHRLNQSP LGAGALAGHP YGIDREFLAE GLGFNSVIGN SLVAVSDRDF IVELMFWGTL FMNHISRFAE DLIYCTAEF GFIQLSDAYS TGSSLMPQKK NADSLELLRG KSGRVFGDLT GFLMSLKGIP STYDKDMQED KEPLFDCLTT VEHSMLIATG VISTLTVNKD KMEAALTMDM LATDLADYLV RKGVPFRETH HISGECVATA ENLGLSGIDK LTLEQYQKID SRFAEDLFET FNFEQSVERR NATGGTAKSA VLKQLNNLKS QLN
Source	E.coli
Target Names	ARG4
Protein Names	Recommended name: Argininosuccinate lyase Short name= ASAL EC= 4.3.2.1 Alternative name(s): Arginosuccinase
Expression Region	1-463
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.