



Recombinant *Schizosaccharomyces pombe* Adenylosuccinate lyase (ade8)

Product Code	CSB-EP001397SXV-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O60105
Product Type	Recombinant Protein
Immunogen Species	<i>Schizosaccharomyces pombe</i> (strain 972 / ATCC 24843) (Fission yeast)
Purity	≥85% (SDS-PAGE)
Sequence	MEDYGSYSTP LTARYASAEM SHLFSREMRI NTRWQLWLNLAIAEKQLGLT QITDEAIEQL KAHVKITAPE FEIAAKEEKR QRHDVMAHIY TYGLAAPAAS GIIHLGATSC FVTDNADLIF LRSAMDLLIP KLVNVINRLS QWSLRYKDIP TLGFTHYQPA QLTTVGKRAT LWIQELLWDL RNFVRARNDI GFRGVKGTTG TQASFLALFE GDHAKVEELD KLVAKLSGFD NVYPVTGQTY DRKIDIDVLQ PLASFGATAH KIATDIRLLA NLKEVEEPFE AGQIGSSAMA YKRNPMPRCER ICSQARYIMN LIPNALNTAS VQWFERTLDD SSNRRSLLPE AFLFTDSVLK ILLNVISGMV IYPKVIQKHI RAELPFMATE NIIMAMTKHG ASRHECHEQI RVLSHQAGRV VKEEGDNDL IERIKNTPYF APIYDELDLSDLASTFVGRA PEQTESFVNK DVSQALAPFK SMITEEKVDL AV
Source	E.coli
Target Names	ade8
Protein Names	Recommended name: Adenylosuccinate lyase Short name= ASL EC= 4.3.2.2 Alternative name(s): Adenylosuccinase Short name= ASase
Expression Region	1-482
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.