



Recombinant *Oryza sativa* subsp. *indica* Adenylosuccinate synthetase, chloroplastic (PURA)

Product Code	CSB-EP384874OFF-B
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.	A2XD35
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>indica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	AAAV GADRAADRVS ALSQVSGVLG SQWGDEGK GK LVDVLAPRFD IVARCQGGAN AGHTIYNSEG KKFALHLVPS GILHEGTLCV VGNGAVIHVP GFFNEIDGLE SNGVNCNGRI LVSDRAHLLF DLHQAVDGLR EAELANSFIG TTKRGIGPCY SSKVTRNGLR VCDLRHMDTF GDKLDVLFKD AASRFEGFEY SKSMLREEVE RYKRFAERLE PFIADTVHVL NESIQQKKKI LVEGGQATML DIDFGTYPFV TSSSPSAGGI CTGLGIAPRC IGD LIGV VKA YTTRV GSGPF PTELFGEED LLRKSGMEFG TTTGRPRRCG WLDIVALKYC CEINGFSSLN LTKLDVLSGL PEVKLGVSYN QPDGQKLQSF PGDL DILEQV QVKYEVLPGW QSDISSVRSY SELPLAAQRY VERIEDLVGV PVHYIGVGPG RDALIYK
Source	E.coli
Target Names	PURA
Protein Names	Recommended name: Adenylosuccinate synthetase, chloroplastic Short name= AMPSase Short name= AdSS EC= 6.3.4.4 Alternative name(s): IMP--aspartate ligase
Expression Region	47-487
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 of Mature 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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