



Recombinant *Oryza sativa* subsp. japonica Adenylosuccinate synthetase 1, chloroplastic (PURA1)

Product Code	CSB-MP606072OFG
Abbreviation	PURA1
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.	Q10R17
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	>85% (SDS-PAGE)
Sequence	AAA VGADRAADRV SALSQVSGVL GSQWGDEGKG KLVDVLAPRF DIVARCQGGA NAGHTIYNSE GKKFALHLVP SGILHEGTLC VVGNGAVIHV PGFFNEIDGL ESNQVNCNGR ILVSDRAHLL FDLHQAVDGL REAELANSFI GTTKRGIGPC YSSKVTRNGL RVCDLRHMDT FGDKLDVLFK DATSRFEGFE YSKSMREEV ERYKRFAERL EPFIADTVHL LNESIQQKKK ILVEGGQATM LDIDFGTYPF VTSSSPSAGG ICTGLGIAPR CIGDLIGVVK AYTTRVGS GP FPTELFGEEG DLLRKSGMEF GTTTGRPRRC GWLDIVALKY CCEINGFSSL NLTKLDVLSG LPEVKLGVS Y NQPDGQKLQS FPGDLDTLEQ VQVKYEVLP G WQSDISSVRS YSELPLAAQR YVERIEELVG VPVHYIGVGP GRDALIYK
Source	Mammalian cell
Target Names	PURA1
Protein Names	Recommended name: Adenylosuccinate synthetase 1, chloroplastic Short name= AMPSase 1 Short name= AdSS 1 EC= 6.3.4.4 Alternative name(s): IMP-aspartate ligase 1
Expression Region	48-488
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.

Generally, the shelf life of liquid form is 6 months at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. The shelf life of lyophilized form is 12 months at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$.