



Recombinant *Oryza sativa* subsp. japonica Adenylosuccinate synthetase 2, chloroplastic (PURA2)

| | |
|--------------------------|--|
| Product Code | CSB-EP802944OFG-B |
| Abbreviation | PURA2 |
| 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. | Q851S8 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Oryza sativa</i> subsp. japonica (Rice) |
| Purity | >85% (SDS-PAGE) |
| Sequence | ASVAT APESAAAQGR LESLSQVAGV LGTQWGDEGK GKLVDILAQR FDIVARCQGG ANAGHTIYNS EGKKFSLHLV PSGILNEKTM CVVGN GAVVH LPGFFKEIDG LESNGISCEG RILVSDRAHL LDFHQTVDG LREVELGNSL IGTTKRGIGP CYSNKVIRNG LRVSDLRHMD TFGAKLNTLL RDAALRFEGF EYSTKTLKEE VEKYEKFAER LGPYITDTVH FMNQSILQNK KILVEGGQAT MLDIDFGTYP FVTSSSPSAG GICTGLGIAP RSIGDLIGVV KAYTTRVGS PFPTTELLGKT GDLLRASGME FGTTTGRPRR CGWL DIVALK YCCQINGFSS LNLTKLDVLT GLKEVKLGIA YCTEDGKEIE SFPADLDLLE KIKVKYEVL PWEDDISSVR NYSDLPETAR LYVERIEELV GIPVHYIGVG PGRDALIYK |
| Source | E.coli |
| Target Names | PURA2 |
| Protein Names | Recommended name: Adenylosuccinate synthetase 2, chloroplastic Short name= AMPSase 2 Short name= AdSS 2 EC= 6.3.4.4 Alternative name(s): IMP-aspartate ligase 2 |
| Expression Region | 46-489 |
| 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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.