



Recombinant Arabidopsis thaliana Pyrroline-5-carboxylate reductase (PROC1)

Product Code	CSB-YP345430DOA
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.	P54904
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MEILPIPAES FKVGFIGAGK MAESIARGVV ASGVLPPNRI CTAVHSNLNR RDVFESFGVN VFSTSEEVVK ESDVVIFSVK PQVVKKAVTE LKSKLSKNKI LVSVAAGIKL NDLQEWSGQD RFIRVMPNTP AAVGEAASVM SLGTGATEED GAIVAMLFGA VGKILKADEK MFDVAVTGLSG SGPAYIFLAI EALADGGVAA GLPRELALSL ASQTVLGAAT MVSKTGKHPG VLKDDVTSPG GTTIAGVHEL EKGSFRATLM NAVVAAAKRS RELSQS
Source	Yeast
Target Names	PROC1
Protein Names	Recommended name: Pyrroline-5-carboxylate reductase Short name= P5C reductase Short name= P5CR EC= 1.5.1.2 Alternative name(s): Protein EMBRYO DEFECTIVE 2772
Expression Region	1-276
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.