



Recombinant Rat Pyrroline-5-carboxylate reductase 2 (Pycr2)

Product Code	CSB-EP728107RA-B
Abbreviation	Pycr2
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.	Q6AY23
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	SVGFIGAGQ LACALARGFT AAGVLSAHKI IASSPEMDLP TVSALRKMGV NLTRSNKDTV RHSDVLFLAV KPHIIPFILD EIGADVQERH IVVSCAAGVT ISSVEKKLMA FQPAPKVIRC MTNTPVVVRE GATVYATGTH ALVEDGKLE QLMSSVGFCF EVEEDLIDAI TGLSGSGPAY AFMALDALAD GGVKMGVPRR LAVRLGAQAL LGAAMLLDS EDHPGQLKDN VCSPGGATIH ALHFLESGGF RSLINAVEA SCIRTRELQS MADQEKVSPA ALKKTLLDRV KLESPTVSTL APPSSGKLLT RNPAQGSKRE
Source	E.coli
Target Names	Pycr2
Protein Names	Recommended name: Pyrroline-5-carboxylate reductase 2 Short name= P5C reductase 2 Short name= P5CR 2 EC= 1.5.1.2
Expression Region	2-320
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.