



Recombinant Synechococcus elongatus Cyanate hydratase (cynS)

Product Code	CSB-EP707542FPY-B
Abbreviation	cynS
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.	Q59948
Product Type	Recombinant Protein
Immunogen Species	Synechococcus elongatus (strain PCC 7942) (Anacystis nidulans R2)
Purity	>85% (SDS-PAGE)
Sequence	MTSAITEQLL KAKKAKGITF TELEQLLGRD EVWIASVFYR QSTASPEEAE KLLTALGLDL ALADELTTPP VKGCLEPVIP TDPLIYRFYE IMQVYGLPLK DVIQEKFGDG IMSAIDFTLD VDKVEDPKGD RVKVTMCGKF LAYKKW
Source	E.coli
Target Names	cynS
Protein Names	Recommended name: Cyanate hydratase Short name= Cyanase EC= 4.2.1.104 Alternative name(s): Cyanate hydrolase Cyanate lyase
Expression Region	1-146
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.