



Recombinant Adenylate cyclase (cya)

Product Code	CSB-YP326731BLY
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.	P27580
Product Type	Recombinant Protein
Immunogen Species	Glutamicibacter nicotianae (Arthrobacter nicotianae)
Purity	≥85% (SDS-PAGE)
Sequence	MSTEHTNTPR ADSPQSAAEA VRGARQHAPA ATPAESDPIL ELAEAMEGPL RIPAHTPEAV RDTVASLEKR LIGGQREFRR REVASEAGVS LHSARKLWRA IGFPELSDDE VFFTEADKKA LGTMVGMVRE GALTEETAIS LMRSVGQMTD RMVVWQIEAL VEDMIANQNL SDRQARRQLF SLLPEIIPAI EDLLYSWRR QLNSAVHRMA LRVETGVAAY NQDRGEDDGG TPLPLARAVG FADLVSYTSL SRRMNERTLA QLVQRFEAKC AEIISVGGGR LVKTIGDEV L YVAETPQAGA QIALSLSREL AKDELFPQTR GAVVWGRLLS RLGDIYGPTV NMAARLTSLA EPGTVLTDAL TANTLRNDAR FVLTAQEITA VRGFGDIQPY ELSAGEGAGL VID
Source	Yeast
Target Names	cya
Protein Names	Recommended name: Adenylate cyclase EC= 4.6.1.1 Alternative name(s): ATP pyrophosphate-lyase Adenylyl cyclase
Expression Region	1-403
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.