



# Recombinant Adenylate cyclase (cya)

<b>Product Code</b>	CSB-EP326731BLY-B
<b>Storage</b>	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.
<b>Uniprot No.</b>	P27580
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Glutamicibacter nicotianae (Arthrobacter nicotianae)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSTEHTNTPR ADSPQSAAEA VRGARQHAPA ATPAESDPIL ELAEAMEGPL RIPAHTPEAV RDTVASLEKR LIGGQREFRR REVASEAGVS LHSARKLWRA IGFPELSDDV VFFTEADKKA LGTMVGMVRE GALTEETAIS LMRSVGQMTD RMVWVQIEAL VEDMIANQNL SDRQARRQLF SLLPEIIPAI EDLLYSWRR QLNSAVHRMA LRVETGVAAY NQDRGEDDGG TPLPLARAVG FADLVSYTSL SRRMNERTLA QLVQRFEAKC AEIISVGGGR LVKTIGDEVL YVAETPQAGA QIALSLSREL AKDELFPQTR GAVVWGRLLS RLGDIYGPTV NMAARLTSLA EPGTVLTDAL TANTLRNDAR FVLTAQEITA VRGFGDIQPY ELSAGEGAGL VID
<b>Source</b>	E.coli
<b>Target Names</b>	cya
<b>Protein Names</b>	Recommended name: Adenylate cyclase EC= 4.6.1.1 Alternative name(s): ATP pyrophosphate-lyase Adenylyl cyclase
<b>Expression Region</b>	1-403
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.