



Recombinant *Rhizobium meliloti* Adenylate cyclase 1 (cya1)

Product Code	CSB-CF323937RKU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P19485
Product Type	Transmembrane Protein
Immunogen Species	<i>Rhizobium meliloti</i> (strain 1021) (<i>Ensifer meliloti</i>) (<i>Sinorhizobium meliloti</i>)
Sequence	<p>MLQRSESGFKDIESMQDSNADKPSRTWTSSLRSLGLVMVAMLIVVSATLVGL DYRRARS AAIAGAEDNMDAFVGRVLVDRGLGALSGDTSALVSLVASVANSFLVPPPERMNDK VAVLREG IARSPHIDGVYVGYPSGAFFHVVDLDSAAWRMaldAPRGAAIAVRSMERNDQ GKPFDRIL FLDASGLQFAERHAASNGFDPRTWPYRAAVNGKAPVAIGPYEMATTGNLGM TISQAHRG NPQIVIGADVLDITDFLSRERLTDDSVSFVLDAVGRPIIHSSTMMRRIMASK GRDRP VATPQEDGLIESIRRNPPPAGKATLVEVGNRTYLTVAPLESALLLSGHRVVVA APLDEL LAAANETLVQGLAVSGAVVVAVLLALVLAHLITKSLNQLTDSANRLQDLDFAT PIDVSS HVAEISTLNGAMNRARDAIFTFALYVPKELVRKGIESGHFGGRAAWRQEV TAM FTDIYDF TTISEGRSPEEVVAMLSEYFDLFSEVVAAHGDTIIQFHGDSVFAMWNAPVADT RHAEHAC RCALAVEERLEAFNSAQRASGLPEFRTRFGIHTGTAVVGSVGAKERLQYTAM GDTVNVAS RLEGMNKDYGTSVLASGAVVAQCKDMVKFRPLGTAKAKGRSTALDIYEVVGV VRAVNTTE AGTAA</p>
Source	in vitro E.coli expression system
Target Names	cya1
Protein Names	Recommended name: Adenylate cyclase 1 EC= 4.6.1.1 Alternative name(s): ATP pyrophosphate-lyase 1 Adenyl cyclase 1
Expression Region	1-665
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
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.