



Recombinant Escherichia coli Blue light- and temperature-regulated antirepressor YcgF (ycgF)

Product Code	CSB-MP305137ENV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P75990
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MLTTLIYRSH IRDDEPVKKI EEMVSIANRR NMQSDVTGIL LFNGSHFFQL LEGPEEQVKM IYRAICQDPR HYNIVELLCD YAPARRFGKA GMELFDLRLH ERDDVLQAVF DKGTSKFQLT YDDRALQFFR TFLVATEQST YFEIPAEDSW LFIADGSDKE LDSCALSPTI NDHFHFPIV DPLSRRIAF EAIVQKNEDS PSAIVGQRK DGEIYTADLK SKALAFTMAH ALELGDKMIS INLLPMTLVN EPDAVSFLN EIKANALVPE QIIVEFTESE VISRFDEFAE AIKSLKAAGI SVAIDHFGAG FAGLLLLSRF QPDRIKISQE LITNVHKSGP RQAIQAIK CCTSLEIQVS AMGVATPEEW MWLESAGIEM FQGDLFAKAK LNGIPSIAWP EKK
Source	Mammalian cell
Target Names	bluF
Protein Names	Recommended name: Blue light- and temperature-regulated antirepressor YcgF Short name= Blrp
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.