



Recombinant Escherichia coli CRISPR-associated endonuclease Cas1 (ygbT)

Product Code	CSB-MP671609ENV
Abbreviation	ygbT
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.	Q46896
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MTWLPLNPIP LKDRVSMIFL QYGQIDVIDG AFVLIDKTGI RTHIPVGSVA CIMLEPGTRV SHAAVRLAAQ VGTLVWVGE AGVRVYASGQ PGGARSDKLL YQAKLALDED LRLKVVRKMF ELRFGEPA PARRSVEQLRGI EGSRV RATYA LLAKQYGV TWNGRRYDPKDW EKGDTINQCI SAATSCLYGV TEAAILAAGY APAIGFVHTG KPLSFVYDIA DIIKFDTVVP KAFEIARRNP GEPDREVRLA CRDIFRSSKT LAKLIPLIED VLAAGEIQPP APPEDAQPVA IPLPVSLGDA GHRSS
Source	Mammalian cell
Target Names	ygbT
Protein Names	Recommended name: CRISPR-associated endonuclease Cas1 EC= 3.1.-.-
Expression Region	1-305
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.