Recombinant Salmonella typhimurium Bifunctional protein BirA (birA)

Product Code	CSB-EP330709SXB-B
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.	P37416
Product Type	Recombinant Protein
Immunogen Species	Salmonella typhimurium (strain LT2 / SGSC1412 / ATCC 700720)
Purity	>85% (SDS-PAGE)
Sequence	MKDTTVPLTL ISLLADGEFH SGEQLGERLG MSRAAINKHI QTLRDWGVDV FTVPGKGYSL PEPIQLLDAD RIHSQLDSGN VAVLPVIDST NQYLLDRIGE LRSGDACVAE YQQAGRGRRG RKWFSPFGAN LYLSMYWRLE QGPAAAIGLS LVIGIVMAEV LRKLGADKVR VKWPNDLYLL DRKLAGILVE LTGKTGDAAQ IVIGAGINMA MRRVEEDVIN QGWITLQEAG ITLDRNMLAA KLIYKLRAAL ELFEQEGLSP YLSRWKKLDN FIDRPVKLII GDKEIFGISR GIDTQGALLL EQDGVIKPWM GGEISLRSAE
Source	E.coli
Target Names	birA
Protein Names	Recommended name: Bifunctional protein BirA Including the following 2 domains: Biotin operon repressor Biotin--[acetyl-CoA-carboxylase] synthetase EC= 6.3.4.15 Alternative name(s): Biotin--protein ligase
Expression Region	1-320
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.