



Recombinant UDP-N-acetylmuramate--L-alanine ligase (murC)

Product Code	CSB-EP734370BUI
Abbreviation	murC
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.	Q65ZV7
Product Type	Recombinant Protein
Immunogen Species	Borrelia bavariensis (strain ATCC BAA-2496 / DSM 23469 / PBi) (Borrelia bavariensis)
Purity	≥85% (SDS-PAGE)
Sequence	MKVDFDSLNN IFFVGKSG VCSLACFLNS KGYFVEGVDV PDKFYTDDIL NNNEISYYEN IYEFSLKELD RSFDLIVYSS AYDKDGLQVL LEAKELNIPI LSYSEVLGEL SRKHYSIGIA GSHGKTTTTA FLGILFDKLG LNPNVIVGSS VKDFGDNSAI AGISDIFIVE TCEYKKHFLY FSPNMLILT VDYEHVDFFK NYEALEDAFL QYINNLKKNG ILIINSDDKN LLKIKSQINR EDINIFSFGS RDLSNFQISN IVVKNEYFCF SFLGLYNIEL RTVLFHNILN FSAALLALNL FLESNGKSIF DFEEVVKRVA KNYSGIKRRS ELIKEKKGVI YMDDYAHHPR EIRATLFGIK NFYKNKRIIL DFMPHTFTRT KEFFDDFVEV LNIADVLIH NIYLSNRENF NPDELSFKLF LNIKKINKNT YFFKDVKDSI NFIKSLISG DLFITMGAGN NFILHDFL
Source	E.coli
Target Names	murC
Protein Names	Recommended name: UDP-N-acetylmuramate--L-alanine ligase EC= 6.3.2.8 Alternative name(s): UDP-N-acetylmuramoyl-L-alanine synthetase
Expression Region	1-468
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.