



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

Product Code	CSB-EP512579ENU
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.	C4ZR16
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12 / MC4100 / BW2952)
Purity	>85% (SDS-PAGE)
Sequence	MNTQQLAKLR SIVPEMRRVR HIHFVGIGGA GMGGIAEVLA NEGYQISGSD LAPNPVTQQL MNLGATIYFN HRPENVRDAS VVVVSSAISA DNPEIVA AHE ARIPVIRRAE MLAELMRFRH GIAIAGTHGK TTTTAMVSSI YAEAGLDPTF VNGGLVKAAG VHARLGHGRY LIAEADES DA SFLHLQPMVA IVTNI EADHM DTYQGDFENL KQTFINFLHN LPFYGRAVMC VDDPVIRELL PRVGRQTTTY GFSEDADVRV EDYQQIGPQG HFTLLRQDKE PMRVTLNAPG RHNALNAAAA VAVATEEGID DEAILRALES FQGTGRRFDF LGEFPLEPVN GKSGTAMLVD DYGHHPT EVD ATIK AARAGW PDKNLVMLFQ PHRFTRTRDL YDDFANVLTQ VDTLLMLEVY PAGEAPIGA DSRSLCRTIR GRGKIDPILV PDPARVAEML APVLTGNDLI LVQGAGNIGK IARSLAEIKL KPQTPEEEQH D
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	1-491
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.