



Recombinant *Chlamydomonas reinhardtii* UDP-N-acetylmuramoyl-L-alanyl-D-glutamate--2,6-diaminopimelate ligase (murE)

Product Code	CSB-BP767597DSL
Abbreviation	murE
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.	Q823N2
Product Type	Recombinant Protein
Immunogen Species	<i>Chlamydomonas reinhardtii</i> (strain GPIC)
Purity	>85% (SDS-PAGE)
Sequence	MNLKELLNNI EAKIYGKVSP IEVRNLTKDS RNVGFGDIFI ANKKGKQFDGN DFSPLAIENG AIAIASSIYN PFLSVVQIVS SNLPQLEAEL SAKYYNYPSK KLCIVGVTGT NGKTTVSHLI KTLFDGCKNP SGLIGTIEHV LGNNRIQDGY TPESCLLQK YLAEMVKNRL TSAVMEVSSV GLVLERLAEV DFDVGVLTNI TLDHLDHFHGS FEEYINAKLK LFSKLPATGL AVVNGDLSYA SRFLEMTQAQ PITYGIECPA DYRAMHLRSS PFGTDFDLVY RGESLPCRLP LIGKHNVYNI LAAIAVAHQH CNGDLQQLIS LAANVESPRG RLEPVFSGPC PIYIDYAHTP DALENVCKTL HALLPEQGKL IVVFGCGGDR DQSKRQIMAE VVERYGFAVV TSDNPRGEDP EEIKAICSG FVKRNFSIEI DRKQAITYAL SIASDRDIVL VAGKGHETYQ IFKHQTIAFD DKEIVREVLS SHV
Source	Baculovirus
Target Names	murE
Protein Names	Recommended name: UDP-N-acetylmuramoyl-L-alanyl-D-glutamate--2,6-diaminopimelate ligase EC= 6.3.2.13 Alternative name(s): Meso-A2pm-adding enzyme Meso-diaminopimelate-adding enzyme UDP-MurNAc-L-Ala-D-Glu:meso-diaminopimelate ligase
Expression Region	1-483
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

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