



# Recombinant Membrane-bound lytic murein transglycosylase D (mltD)

<b>Product Code</b>	CSB-EP365226EGX
<b>Storage</b>	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.
<b>Uniprot No.</b>	P0AEZ8
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	CQSTG NVQQHAQSLS AAGQGAAKF TSQARWMDDG TSIAPDGLDW AFIGDELKMG IPENDRIREQ KQKYLRNKS Y LHDVTLRAEP YMYWIAGQVK KRNMPMELVL LPIVESAFDP HATSGANAAG IWQIIPSTGR NYGLKQTRNY DARRDVVAST TAALNMMQRL NKMFDGDWLL TVAAAYNSGEG RVMKAIKTNK ARGKSTDFWS LPLPQETKQY VPKMLALSDI LKNSKRYGVR LPTTDESRAL ARVHLSSPVE MAKVADMAGI SVSKLKTFNA GVKGSTLGAS GPQYVMVPPK HADQLRESLA SGEIAAVQST LVADNTPLNS RVYTVRSGDT LSSIASRLGV STKDLQQWNK LRGSKLKPGQ SLTIGAGSSA QRLANNSDSI TYRVRKGDLS SSIAKRHGVN IKDVMRWNSD TANLQPGDKL TLFVKNNNMP DS
<b>Source</b>	E.coli
<b>Target Names</b>	mltD
<b>Protein Names</b>	Recommended name: Membrane-bound lytic murein transglycosylase D EC=4.2.2.n1 Alternative name(s): Murein hydrolase D Regulatory protein dniR
<b>Expression Region</b>	16-452
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.