



Recombinant Membrane-bound lytic murein transglycosylase D (mltD)

Product Code	CSB-MP365226EGX
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.	P0AEZ8
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	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 LPTTDESRL ARVHLSSPVE MAKVADMAGI SVSKLKTFNA GVKGSTLGAS GPQYVMVPPK HADQLRESLA SGEIAAVQST LVADNTPLNS RVYTVRSGDT LSSIASRLGV STKDLQQWNK LRGSKLKPGQ SLTIGAGSSA QRLANNSDSI TYRVRKGDLS SSIAKRHGVN IKDVMRWNSD TANLQPGDKL TLFVKNNNMP DS
Source	Mammalian cell
Target Names	mltD
Protein Names	Recommended name: Membrane-bound lytic murein transglycosylase D EC=4.2.2.n1 Alternative name(s): Murein hydrolase D Regulatory protein dniR
Expression Region	16-452
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 of Mature 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.