



# Recombinant Escherichia coli Membrane-bound lytic murein transglycosylase F (mltF)

<b>Product Code</b>	CSB-MP543679ENT
<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>	B1XB33
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12 / DH10B)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	LWPSIPWFG KADNRIAAIQ ARGELRVSTI HTPLTYNEIN GKPFGLDYEL AKQFADYLG V KLKVTVRQNI SQLFDDLDNG NADLLAAGLV YNSERVKNYQ PGPTYYSVSQ QLVYKVGQYR PRTLGNLTAE QLTVAPGHVV VNDLQTLKET KFPELSWKVD DKKGSAELME DVIEGKLDYT IADSV AISLF QRVHPELAVA LDITDEQPVT WFSPLDGDNT LSAALLDFN EMNEDGTLAR IEEKYLG HGD DFDYVDTRTF LRAVDAVLPQ LKPLFEKYAE EIDWRL LAI AYQESHWDAQ ATSPTGVRGM MMLTKNTAQS LGITDRTDAE QSIGGVRYL QDMMSKVPES VPENERIWFA LAAYNMGYAH MLDARALTAK TKGNPDSWAD VKQRLPLLSQ KPYYSKLTYG YARGHEAYAY VENIRKYQIS LVGYLQEKEK QATEAAMQLA QDYP AVSPT E LGKEKFPFLS FLSQSSSNYL THSPSLLFSR KGSEEKQN
<b>Source</b>	Mammalian cell
<b>Target Names</b>	mltF
<b>Protein Names</b>	Recommended name: Membrane-bound lytic murein transglycosylase F EC=4.2.2.n1 Alternative name(s): Murein lyase F
<b>Expression Region</b>	22-518
<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.