



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

Product Code	CSB-EP630083EGW-B
Abbreviation	mltF
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.	Q1R8H6
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain UTI89 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	LWPSIPWFG KADNRIAAIQ ARGELRVSTI HTPPTYNEIN GKPFGLDYEL AKQFADYLGV KLVKTVRQNI SQLFDDLDNG NADLLAAGLV YNSERVKNYQ PGPTYYSVSQ QLVYKVGQYR PRTLGNLTAE QLTVAPGHVV VNDLQTLKDT KPELSWKVD DKKGSAELME DVIEGKLDYT IADSV AISLF QRVHPELAVA LDITDEQPVT WFSPLDGDNT LSAALLDFFN EMNEDGTLAR IEEKYLGHGD DFDYVDTRTF LRAVDAVLPQ LKPLFEKYAE EIDWRLAAI AYQESHWDAQ ATSPTGVRGM MMLTKNTAQS LGITDRTDAE QSIGGGVRYL QDMMSKVPES VPENERIWFA LAAYNMGYAH MLDARALTAK TKGNPDSWAD VKQRLPLLSQ KPYYSKLTYG YARGHEAYAY VENIRKYQIS LVGYLQEKEK QATEAAMQLA QDYPVAVSPTTE LGKEKFPFLS FLSQSSSNYL THSPSLLFSR KGSEEKQN
Source	E.coli
Target Names	mltF
Protein Names	Recommended name: Membrane-bound lytic murein transglycosylase F EC=4.2.2.n1 Alternative name(s): Murein lyase F
Expression Region	22-518
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.