



Recombinant Idiomarina loihiensis Membrane-bound lytic murein transglycosylase F (mltF)

Product Code	CSB-EP715986IAAA
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.	Q5QWY4
Product Type	Recombinant Protein
Immunogen Species	Idiomarina loihiensis (strain ATCC BAA-735 / DSM 15497 / L2-TR)
Purity	≥85% (SDS-PAGE)
Sequence	CSPQTRPDA MSVVQERQVL RVGTLINPTS YYFDHDREQG FEYDLAKRFA DRLGVELEMV PRFDVNDLFT MLRRGEVDIV AAGLDRTSTR AQLFRFSPPY DIISQKVVKF QGSRQRPRDL QQITDGEIVV VEGSSHHEFL KSLGDSIPTL KWRATRDHDA VELLQMVISG EVDYTITDST ALDIQRRFHP DLSVAFTVKH DQDIAWALPQ GKDDSLFAAV IEYFGEIRSS GRLAHIKEQH FGHVKQFNYY TTSLFIEAVE QVLPGYIETF KEHSGSLDWR LLAAISYQES LWNPRAVSPT GVRGMMMLTL PTAKAMGVKS RLNAEQSIRG GARYLERMLN RVPARIPQPD RTWFAIAAYN IGFGHLEDAR IITERQGGNP DRWVDVKKRL PLLRQKQFYR HTRYGFARGD EPVTYVGNIR RFYDTLKYLD EQGRL
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	22-455
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.