# Recombinant Escherichia coli O7:K1 Membrane-bound lytic murein transglycosylase C (mltC)

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| **Product Code** | CSB-MP486334EON |
| **Storage** | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.** | B7NI32 |
| **Product Type** | Recombinant Protein |
| **Immunogen Species** | Escherichia coli O7:K1 (strain IAI39 / ExPEC) |
| **Purity** | ≥85% (SDS-PAGE) |
| **Sequence** | CSTT KKGDTYNEAW VKDTNGFDIL MGQFAHNIEN FWGFKEVVIA GPKDYVKYTD QYQTRSHINF DDGTITIETI AGTEPAAHLR RAIIKTLLMG DDPSSVDLYS DVDDITISKE PFLYGQVVDN TGQPIRWEGR ASNFADYLLK NRLKSRSNGL RIIYSVTINM VPNHLDKRAH KYLGMVRQAS RKYGVDESLI LAIMQTESSF NPYAVSRSDA LGLMQVVQHT AGKDVFRSQG KSGTPSRSFL FDPASNIDTG TAYLAMLNNV YLGGIDNPTS RRYAVITAYN GGAGSVLRVF SNDKIQAANI INTMTPGDVY QTLTTRHPSA ESRRYLYKVN TAQKSYRRR |
| **Source** | Mammalian cell |
| **Target Names** | mltC |
| **Protein Names** | Recommended name: Membrane-bound lytic murein transglycosylase C EC= 3.2.1.- Alternative name(s): Murein hydrolase C |
| **Expression Region** | 17-359 |
| **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.<br>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. |