



Recombinant Escherichia coli O7:K1 Multidrug resistance protein MdtA (mdtA)

Product Code	CSB-EP484696EON
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.	B7NQB2
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O7:K1 (strain IAI39 / ExPEC)
Purity	>85% (SDS-PAGE)
Sequence	AFFWWQGRN DSRSAAPGAT KQAQQSPAGG RRGMRAGPLA PVQAATAVEQ AVPRYLTLGL TITAANTVTV RSRVDGQLMA LHFQEGQQVK AGDLLAEIDP SQFKVALAQA QGQLAKDKAT LANARRDLAR YQQLVKTNLV SRQELDAQQA LVSETEGTIK ADEASVASAQ LQLDWSRITA PVDGRVGLKQ VDVGNQISSG DTTGIVVITQ THPIDLLFTL PESDIATVVQ AQKAGKPLVV EAWDRTNSKK LSEGTLTSLD NQIDATTGTI KVKARFNNQD DALFPNQFVN ARMLVDTEQN AVVIPTAALQ MGNEGHFVWV LNSENKVSKH LVTPGIQDSQ KVVIRAGISA GDRVVTDGID RLTEGAKVEV VEAQSATTSE EKATSREYAK KGARS
Source	E.coli
Target Names	mdtA
Protein Names	Recommended name: Multidrug resistance protein MdtA Alternative name(s): Multidrug transporter MdtA
Expression Region	22-415
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.