



# Recombinant Escherichia coli Periplasmic murein peptide-binding protein (mppA)

<b>Product Code</b>	CSB-EP304378ENV-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P77348
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	AEVPSGTV LAEKQELVRH IKDEPASLDP AKAVGLPEIQ VIRDLFEGLV NQNEKGEIVP GVATQWKSND NRIWTFTLRD NAKWADGTPV TAQDFVYSWQ RLVDPKTLSP FAWFAALAGI NNAQAIIIDGK ATPDQLGVTA VDAHTLKIQL DKPLPWFVNL TANFAFFPVQ KANVESGKEW TKPGNLIGNG AYVLKERVVN EKLVVVPNTH YWDNAKTVLQ KVTFLPINQE SAATKRYLAG DIDITESFPK NMYQKLLKDI PGQVYTPPQL GTYYYAFNTQ KGPTADQRVR LALSMTIDRR LMTEKVLGTG EKPAWHFTP VTAGFTPEPS PFEQMSQEEL NAQAKTLLSA AGYGPQKPLK LTLTYNTSEN HQKIAIVAS MWKKNLGV DV KLQNQEWKTY IDSRNTGNFD VIRASWVG DY NEPSTFLTLL TSTHSGNISR FNNPAYDKVL ACASTENTVK ARNADYNAAE KILMEQAPIA PIYQYTN GRL IKPW LKGYPI NN PEDVAYS R TMYIVKH
<b>Source</b>	E.coli
<b>Target Names</b>	mppA
<b>Protein Names</b>	Recommended name: Periplasmic murein peptide-binding protein
<b>Expression Region</b>	23-537
<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.