Recombinant Arsenical pump-driving ATPase (arsA)

Product Code	CSB-EP345972ENL
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.	P52145
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli
Purity	>85% (SDS-PAGE)
Sequence	MKFLENIPSY LFFTGKGGVG KTSISCATAI RLAELGKRVL LVSTDPASNV GQVFDQTIGN TIQPVTAVSG LSALEIDPQD AAQQYRARIV DPIIGLLPDD VVNSISEQLS GACTTEIAAF DEFTGLLTDA SLLTRFDHII FDTAPTGHTI RLLQLPGAWS SFIESNPDGA SCLGPMAGLE KQREQYAHAV EALSDPERTR LVLVARLQKS TLQEVARTHD ELSAIGLKNQ YLVINGVLPA SEEKRDALAA AIWQREQEAL ANLPAGLSDL PTDNLYLQPL NMVGVSALKG LLNEHAEITS LPEQSPQNKP ENMSLSVLVD DIARSEHGLI MLMGKGGVGK TTMAAAIAVS LADKGFNVHL TTSDPAAHLS TTLNGSLKNL QVSRINPHDE TERYRQHVLE TKGRDLDEAG KRLLEEDLRS PCTEEIAVFQ AFSRVIREAG KRFVVMDTAP TGHTLLLLDA TGAYHREIAR KMGDKGHFTT PMMQLQDQER TKVLLVTLPE TTPVLEAANL QSDLERAGIH PWGWIINNSL WIAQTQSPLL CQRALQERPQ IEVVKNQHAS RIALVPVMAA EPTGIEKLRE LVV
Source	E.coli
Target Names	arsA
Protein Names	Recommended name: Arsenical pump-driving ATPase EC= 3.6.3.16 Alternative name(s): Arsenical resistance ATPase Arsenite-translocating ATPase Arsenite-transporting ATPase
Expression Region	1-583
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 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.