



# Recombinant Arsenical pump-driving ATPase (arsA)

<b>Product Code</b>	CSB-YP357459ENL
<b>Storage</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.
<b>Uniprot No.</b>	P08690
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MQFLQNIPPY LFFTGKGGVG KTSISCATAI RLAEQGKRVL LVSTDPASNV GQVFSQTIGI TIQAIASVPG LSALEIDPQA AAQQRARIV DPIKGVLPDD VVSSINEQLS GACTTEIAAF DEFTGLLTDA SLLTRFDHII FDTAPTGHTI RLLQLPGAWS SFIDSNPEGA SCLGPMAGLE KQREQYAYAV EALSDPKRTR LVLVARLQKS TLQEVARTHL ELAAIGLKNQ YLVINGVLPK TEAANDTLAA AIWEREQEAL ANLPADLAGL PTDTLFLQPV NMVGVSALSR LLSTQPVASP SSDEYLQGRP DIPSLSALVD DIARNEHGLI MLMGKGGVGK TTMAAAIAVR LADMGFDVHL TTSDPAAHLS MTLNGSLNNL QVSRIDPHEE TERYRQHVLE TKGKELDEAG KRLLEEDLRS PCTEEIAVFQ AFSRVIREAG KRFVVMMDTAP TGHTLLLLDA TGAYHREIAK KMGEKGFHTT PMMLLQDPER TKVLLVTLPE TTPVLEAANL QADLERAGIH PWGWIINNSL SIADTRSPLL RMRAQQELPQ IESVKRQHAS RVALVPVLAS EPTGIDKCLKQ LAG
<b>Source</b>	Yeast
<b>Target Names</b>	arsA
<b>Protein Names</b>	Recommended name: Arsenical pump-driving ATPase EC= 3.6.3.16 Alternative name(s): Arsenical resistance ATPase Arsenite-translocating ATPase Arsenite-transporting ATPase
<b>Expression Region</b>	1-583
<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 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.