



# Recombinant Escherichia coli Glutathione import ATP-binding protein GsiA (gsiA)

<b>Product Code</b>	CSB-YP633441EGW
<b>Abbreviation</b>	gsiA
<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>	Q1RE96
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain UTI89 / UPEC)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MPHSDELDAAG DVLAVENLNI AFMQEQHKIA AVRNLFSFLQ RGETLAIVGE SGSGKSVTAL ALMRLLEQAG GLVQCCKMLL QRRSREVIEL SEQSAAQMRH VRGADMAMIF QEPMTSLNPV FTVGEQIAES IRLHQNASRE EAMVEAKRML DQVRIPEAQT ILSRYPHQLS GGMRQRVMIA MALSCRPAVL IADEPTTALD VTIQAQILQL IKVLQKEMSM GVIFITHDMG VVAEIADRVL VMYQGAEVET GSVEQIFHAP QHPYTRALLA AVPQLGAMKG LDYPRRFPLI SLEHPAKQEP PIEQKTVVDG EPVLRVRNLV SRFPLRSGLL NRVTVREHAV EKVSFDLWPG ETLSLVGESG SGKSTTGRAL LRLVESQGGG IIFNGQRIDT LSPGKLQALR RDIQFIFQDP YASLDPRQTI GDSILEPLRV HGLLPGKEAA ARVAWLLERV GLLPEHAWRY PHEFSGGQRQ RICIARALAL NPKVIIADEA VSALDVSIRG QIINLLLDLQ RDFGIAYLFI SHDMAVVERI SHRVAVMYLG QIVEIGPRRA VFENPQHPYT RKLLAAVPVA EPSRQRPQRV LLSDDLPSNI HLRGEEVAAV SLQCVGPGHY VAQPQSEYAF MRR
<b>Source</b>	Yeast
<b>Target Names</b>	gsiA
<b>Protein Names</b>	Recommended name: Glutathione import ATP-binding protein GsiA EC= 3.6.3.-
<b>Expression Region</b>	1-623
<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.



## 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.