



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

Product Code	CSB-MP633441EGW
Abbreviation	gsiA
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.	Q1RE96
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain UTI89 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	MPHSDELDAAG DVLAVENLNI AFMQEQHKIA AVRNLFSFLQ RGETLAIVGE SGSGKSVTAL ALMRLLEQAG GLVQCCKMML 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 EPSRQRQPRV LLSDDLPSNI HLRGEEVAAV SLQCVGPGHY VAQPQSEYAF MRR
Source	Mammalian cell
Target Names	gsiA
Protein Names	Recommended name: Glutathione import ATP-binding protein GsiA EC= 3.6.3.-
Expression Region	1-623
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.