



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

<b>Product Code</b>	CSB-EP305122ENV-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P75796
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>MPHSDELDA G NVLAVENLNI AFMQDQQKIA AVRNLFSFLQ RGETLAIVGE            SGSGKSVTAL ALMRLEQAG GLVQCCKMLL QRRSREVIEL SEQNAAQMRH            VRGADMAMIF QEPMTSLNPV FTVGEQIAES IRLHQNASRE EAMVEAKRML            DQVRIPEAQT ILSRYPHQLS GGMRQRMIA MALSCRPAVL IADEPTTALD            VTIQAQILQL IKVLQKEMSM GVIFITHDMG VVAEIADRVL VMYQGAEVET            GTVEQIFHAP QHPYTRALLA AVPQLGAMKG LDYPRRFPLI SLEHPAKQAP            PIEQKTVDG EPVLRVRNLV TRFPLRSGLL NRVTVREHAV EKVSFDLWPG            ETLVLVGGESG SGKSTTGRAL LRLVESQGGG IIFNGQRIDT LSPGKLQALR            RDIQFIFQDP YASLDPQRQTI GDSIIPLRV HGLLPKDAARVAVLLERV            GLLPEHAWRY PHEFSGGQRQ RICIARALAL NPKVIIADEA VSALDVSIRG            QIINLLDLQ RDFGIAYLFI SHDMAVVERI SHRVAVMYLG QIVEIGPRRA            VFENPQHPYT RKLLAAMPVA EPSRQRQPRV LLSDDLPSNI HLRGEEVAAV            SLQCVGPGHY VAQPQSEYAF MRR</p>
<b>Source</b>	E.coli
<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.
<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.