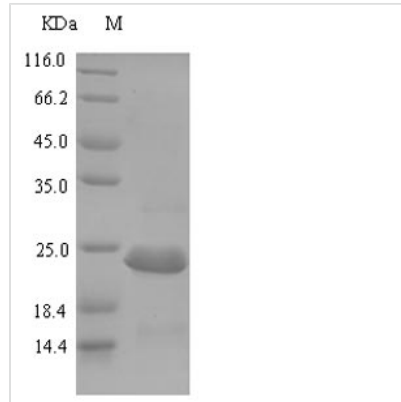




Recombinant Escherichia coli Carbon storage regulator(csrA)

Product Code	CSB-EP543019ENT
Relevance	Affects glycogen biosynthesis, gluconeogenesis, cell size and surface properties. Regulates glycogen synthesis under both aerobic and anaerobic conditions. Seems to accelerate the degradation of glg gene transcripts, potentially through selective RNA binding. Acts to inhibit interaction between the LetD protein and the A subunit of DNA gyrase. Also required for motility and flagellum biosynthesis through the post-transcriptional activation of flhDC expression. This involves binding to and stabilization of the flhDC message by CsrA.
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.	B1XCM4
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Recombinant Protein
Species	Escherichia coli (strain K12 / DH10B)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MLILTRRVGETLMIGDEVTVTLGVKGNQVRIGVNPKEVSVHREEIYQRIQAE KSQQSSY
Research Area	Others
Source	E.coli
Gene Names	csrA
Expression Region	1-61aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	22.9kDa
Protein Description	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.