

Carbon storage regulator Recombinant Protein | csrA recombinant protein

Recombinant Escherichia coli (strain K12 / DH10B) Carbon storage regulator

CATALOG # AAA115533	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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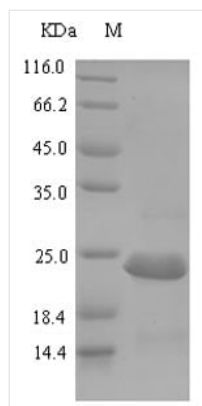
PRODUCT SYNONYMS

Carbon storage regulator; Recombinant Escherichia coli (strain K12 / DH10B) Carbon storage regulator; Escherichia coli (strain K12 / DH10B); csrA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-61aa; Full Length
Sequence	MLILTRRVGE TLMIGDEVTV TVLGVKGNQV RIGVNPKEV SVHREEIYQR IQAEKSQQSS Y
Species	Escherichia coli (strain K12 / DH10B)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for csrA recombinant protein	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.
References	"The complete genome sequence of Escherichia coli DH10B: insights into the biology of a laboratory workhorse." Durfee T., Nelson R., Baldwin S., Plunkett G. III, Burland V., Mau B., Petrosino J.F., Qin X., Muzny D.M., Ayele M., Gibbs R.A., Csorgo B., Posfai G., Weinstock G.M., Blattner F.R. J. Bacteriol. 190:2597-2606(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	446829230
NCBI GeneID	5551697
NCBI Accession #	WP_000906486.1
NCBI GenBank Nucleotide #	WP_000906486.1
UniProt Accession #	B1XCM4; A7MJ32
Molecular Weight	22.9 kDa
NCBI Official Full Name	MULTISPECIES: carbon storage regulator
NCBI Official Symbol	ESA_RS02575
NCBI Protein Information	pleiotropic regulatory protein for carbon source metabolism
UniProt Protein Name	Carbon storage regulator
UniProt Gene Name	csrA
UniProt Entry Name	CSRA_ECODH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/csra-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115533>