



# Recombinant Escherichia coli Chemotaxis protein CheA (cheA)

<b>Product Code</b>	CSB-EP362114ENV-B
<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>	P07363
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSMDISDFYQ TFFDEADELL ADMEQHLLVL QPEAPDAEQL NAIFRAAHSI KGGAGTFGFS VLQETTHLME NLLDEARRGE MQLNTDIINL FLETKDIMQE QLDAYKQSQE PDAASFDYIC QALRQLALEA KGETPSAVTR LSVVAKSEPO DEQSRSQSPR RIILSRKAG EVDLLEEELG HLTTLTDVVK GADSLSAILP GDIAEDDITA VLCFVIEADQ ITFETVEVSP KISTPPVLKL AAEQAPTGRV EREKTTTSNE STSIRVAVEK VDQLINLVGE LVITQSMLAQ RSSELDPVNH GDLITSMGQL QRNARDLQES VMSIRMMPE YVFSRYPRLV RDLAGKLGKQ VELTLVGSST ELDKSLIERI IDPLTHLVRN SLDHGIELPE KRLAAGKNSV GNLILSAEHQ GGNICIEVTD DGAGLNRERI LAKAASQGLT VSENMSDDEV AMLIFAPGFS TAEQVTDVSG RGVGMDVVKR NIQKMGGHVE IQSKQGTGTT IRILLPLTLA ILDGMSVRVA DEVFILPLNA VMESLQPREA DLHPLAGGER VLEVRGEYLP IVELWKVFNV AGAKTEATQG IIVILQSGGR RYALLVDQLI GQHQVVVKNL ESNYRKVPGI SAATILGDGS VALIVDVSAL QAINREQRMA NTAA
<b>Source</b>	E.coli
<b>Target Names</b>	cheA
<b>Protein Names</b>	Recommended name: Chemotaxis protein CheA EC= 2.7.13.3
<b>Expression Region</b>	1-654
<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.
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