



# Recombinant Escherichia coli CRISPR system Cascade subunit CasA (casA)

<b>Product Code</b>	CSB-EP670509ENV-B
<b>Abbreviation</b>	casA
<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>	Q46901
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MNLLIDNWIP VRPRNGGKVQ IINLQSLYCS RDQWRLSLPR DDMELAALAL LVCIGQIIAP AKDDVEFRHR IMNPLTEDEF QQLIAPWIDM FYLNHAEHPF MQTKGVKAND VTPMEKLLAG VSGATNCAFV NQPGQGEALC GGCTAIALFN QANQAPGFGG GFKSGLRGGT PVTTFVRGID LRSTVLLNVL TLPRLQKQFP NESHTENQPT WIKPIKSNES IPASSIGFVR GLFWQPAHIE LCDPIGIGKC SCCGQESNLR YTGFLKEKFT FTVNGLWPHP HSPCLVTVKK GEVEEKFLAF TTSAPSWTQI SRVVVDKIIQ NENGNRVA AV VNQFRNIAPQ SPLELIMGGY RNNQASILER RHDVLMFNQG WQQYGNVINE IVTVGLGYKT ALRKALYTFA EGFKNKDFKG AGVSVHETAE RHFYRQSELL IPDVLANVNF SQADEVIALD RDKLHQLCEM LFNQSVAPYA HHPKLISTLA LARATLYKHL RELKPQGGPS NG
<b>Source</b>	E.coli
<b>Target Names</b>	casA
<b>Protein Names</b>	Recommended name: CRISPR system Cascade subunit CasA
<b>Expression Region</b>	1-502
<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.