



# Recombinant Escherichia coli O45:K1 RNA 3'-terminal phosphate cyclase (rtcA)

<b>Product Code</b>	CSB-YP484380EOK
<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>	B7MDP5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O45:K1 (strain S88 / ExPEC)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MKRMIALDGA QGEGGGQILR SALSLSMITG QPFTITGIRA GRAKPGLLRQ HLTAVKAAAE ICRATVEGAE LGSQRLVFRP GTVRGGDYRF AIGSAGSCTL VLQTVLPALW FADGPSRVEV SGGTDNPSAP PADFIRRVLE PLLAKIGVHQ QTTLLRHGFY PAGGGVVATE VSPVASFNSL QLGERGNIVQ MRGEVLLAGV PRHVAEREIA TLAGSFSLHE QNIHNLPRDQ GPGNTVSLEV ESENIERFF VVGEKRVSAAE VVAAQLVKEV KRYLASPAAV GEYLADQLVL PMALAGTGEF TVAHPSCHLL TNIAVVERFL PVRFGLIETD GVTRVSIE
<b>Source</b>	Yeast
<b>Target Names</b>	rtcA
<b>Protein Names</b>	Recommended name: RNA 3'-terminal phosphate cyclase Short name= RNA cyclase Short name= RNA-3'-phosphate cyclase EC= 6.5.1.4
<b>Expression Region</b>	1-338
<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.