



# Recombinant Type II secretion system protein E (pulE)

<b>Product Code</b>	CSB-YP321384KBG
<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>	P15645
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Klebsiella pneumoniae
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MTPAAERRPL LPMFYARAHS VMLLSSGESC EVFCLAVTAP QALLEARRVA AMPFRLEERLE EEAFAKLLVL SYQRDSAEAR RMMADIGNEL DLYTLAEELP DTDDLLDSED DAPIIRLINA MLTEAIKEKA SDIHIETYER HLQIRFRVDG VLREILRPQR RLAALLISRI KVMASLDIAE KRIPQDGRMA LRIGGRAVDV RVSTLPSSYG ERVVLRLLDK NSVNLDLLTL GMTPALLRQV DGLIARPHGI VLVTGPTGSG KSTTLYAALS RLDARERNIM TIEDPIEYEL EGIGQTQVNA KVDMTFARGL RAILRQDPDV VLVGEIRDGE TAQIAVQASL TGHLVLSTLH TNSALGAISR LQDMGVPEPFL LSTSLAVMS QRLVRRRLCPH CRQQEPANAD TAHQMEIAPG TALWQPRGCA ECGFTGYRGR TGIHELLLVD DRVRMAIHRG ENEVTLIQQL GTDYMTLRRRA GREKALAGIT SWQEVLRVTE QPIAEAC
<b>Source</b>	Yeast
<b>Target Names</b>	pulE
<b>Protein Names</b>	Recommended name: Type II secretion system protein E Short name= T2SS protein E Alternative name(s): General secretion pathway protein E Pullulanase secretion protein PulE Type II traffic warden ATPase
<b>Expression Region</b>	1-497
<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.