



# Recombinant Escherichia coli Phage T7 exclusion protein (pifA)

<b>Product Code</b>	CSB-YP308724ENV
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P96329
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MKILRQLWNQ KGLDAAVEDV PEDRYGFGNI AENISRSILT LPLEASN VVG  IEGAWGSGKT SLLNLILRNL ALKKDAHTHV LHISPWLSGG SPVEALFLPV  ATVIQQEMEI RYPPKGFKKL WRKYLLSPEA QKVIEYAQDT SSRVLPLVQY  IGQFSSIINW IAGGIKVFSD SRLAVDQKTT TKLRAEIAGQ LVSLDLKFIV  VMDDLDRLEP SQVAEVFRLV RAVADLPRFT HILCYDRQII THAVEHALNI  EDGSRYLQKI IQLSFKLPRP EAFDLRNEFR QRAEALYQQI NNQPPDSGMV  RDLIAVTDTY GAALSTPREI HQAINSLIFL YPGMRDFVYF PDLCLLQLIR  VTNPALYDWT EHYLTERSVI ETGQGMLSDG EKADFREGLI RCMKTFRASN  ADSFLTADW IPGISGHNDE YLNLFPVSE DFRHIQTTGK RLSSLTHWRY  YFAFSSPQNV LPPEFFRQLF EQAGVSEKQQ QLSSELLSKI NSVGSLSGTW  FEHILSRLTP GLIRERNFEE CAGLVHFFFD HTDEVSTRFS IRNPWFSLRE  MAINEVVRHL LKHMQDIDET RTITLMEKLI VTGASPFWIA DFMRDLIWEH  GLAQNAVPSD SDALFSRDIT ERLRDRFAER MNQPELQQQL LLRKSLLGYL  YAWRDMSSGE TVKQWVREVT TTDEGLVNLL IRLQTSVFSS HRGAYRRIAR  DQVSPFFDDW PAVEEKLKVM LSGNELTPEQ EALKTALEND D</p>
<b>Source</b>	Yeast
<b>Target Names</b>	pifA
<b>Protein Names</b>	Recommended name: Phage T7 exclusion protein
<b>Expression Region</b>	1-741
<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.