



Recombinant Escherichia coli Phage T7 exclusion protein (pifA)

Product Code	CSB-EP308724ENV-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P96329
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	<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 RDLIAVTDY 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>
Source	E.coli
Target Names	pifA
Protein Names	Recommended name: Phage T7 exclusion protein
Expression Region	1-741
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	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.
Shelf Life	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.