



Recombinant Escherichia coli Deoxyribodipyrimidine photo-lyase (phrB)

Product Code	CSB-EP360595ENV-B
Storage	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.
Uniprot No.	P00914
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MTTHLVWFRQ DLRLHDNLAL AAACRNSSAR VLALYIATPR QWATHNMSPR QAELINAQLN GLQIALAEKG IPLLFREVDV FVASVEIVKQ VCAENSVTHL FYNYQYEVNE RARDVEVERA LRNVVCEGFD DSVILPPGAV MTGNHEMYKV FTPFKNAWLK RLREGMPECV AAPKVRSSGS IEPSPSITLN YPRQSFDTAH FPVEEKAAIA QLRQFCQNGA GEYEQQRDFP AVEGTSRLSA SLATGGLSR QCLHRLLAEQ PQALDGGAGS VWLNELIWRE FYRHLITYHP SLCKHRPFIA WTRVQWQSN PAHLQAWQEG KTGYPVDAV MRQLNSTGWM HNRLRMITAS FLVKDLLIDW REGERYFMSQ LIDGDLAANN GGWQWAASTG TDAAPYFRIF NPTTQGEKFD HEGEFIRQWL PELRDVPGKV VHEPWKWAQK AGVTLDPQP IVEHKEARVQ TLAAYEAARK GK
Source	E.coli
Target Names	phrB
Protein Names	Recommended name: Deoxyribodipyrimidine photo-lyase EC= 4.1.99.3 Alternative name(s): DNA photolyase Photoreactivating enzyme
Expression Region	1-472
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.