



Recombinant Arabidopsis thaliana Deoxyribodipyrimidine photo-lyase (PHR1)

Product Code	CSB-EP865840DOA-B
Abbreviation	PHR1
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.	Q9SB00
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MASTVSVQPG RIRILKKGSW QPLDQTVGPV VYWMFRDQRL KDNWALIHAV DLANRTNAPV AVVFNLFDQF LDAKARQLGF MLKGLRQLHH QIDSLQIPFF LLQGDAKETI PNFLTECGAS HLVTDFSPLR EIRRCKDEVV KRTSDSLAIH EVDAHNVVPM WAASSKLEYS ARTIRGKINK LLPDYLIEFP KLEPPKKKWT GMMDKKLVDW DSLIDKVVRE GAEVPEIEWC VPGEDAGIEV LMGNKDGFLT KRLKNYSTDR NNPIKPKALS GLSPYLHFGQ VSAQRCALEA RKVRSTSPQA VDTFLEELIV RRELSDNFCY YQPHYDSLKG AWEWARKSLM DHASDKREHI YSLEQLEKGL TADPLWNASQ LEMVYQGKMH GFMRMYWAKK ILEWTKGPEE ALSISIYLNK KYEIDGRDPS GYVGCWWSIC GVHDQGWKER PVFGKIRYMN YAGCKRKFNV DSYISYVKSL VSVTKKKRKA EEQLTRDSVD PKITIV
Source	E.coli
Target Names	PHR1
Protein Names	Recommended name: Deoxyribodipyrimidine photo-lyase EC= 4.1.99.3 Alternative name(s): AtCPDII DNA photolyase Photoreactivating enzyme 1 Protein UV RESISTANCE 2
Expression Region	1-496
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

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