



# Recombinant Arabidopsis thaliana Deoxyribodipyrimidine photo-lyase (PHR1)

<b>Product Code</b>	CSB-YP865840DOA
<b>Abbreviation</b>	PHR1
<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>	Q9SB00
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MASTVSVQPG RIRILKKGSW QPLDQTVGPV VYWMFRDQRL KDNWALIHAV DLANRTNAPV AVVFNLFQDF LDKARQLGF 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 GYVGCWMSIC GVHDQGWKER PVFGKIRYMN YAGCKRKFNV DSYISYVKSL VSVTKKKRKA EEQLTRDSVD PKITIV
<b>Source</b>	Yeast
<b>Target Names</b>	PHR1
<b>Protein Names</b>	Recommended name: Deoxyribodipyrimidine photo-lyase EC= 4.1.99.3 Alternative name(s): AtCPDII DNA photolyase Photoreactivating enzyme 1 Protein UV RESISTANCE 2
<b>Expression Region</b>	1-496
<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.



## Shelf Life

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