



Recombinant Arabidopsis thaliana Dihydrodipicolinate synthase 2, chloroplastic (DHDPS2)

Product Code	CSB-EP884333DOA-B
Abbreviation	DHDPS2
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.	Q9FVC8
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	A VVPNFHLP MR SLEVKNRTNT DDIKALRVIT AIKTPYLPDG RFDLEAYDDL VNIQIQNGAE GVIVGGTTGE GQLMSWDEHI MLIHGTVNC F GGSIKVIGNT GSNSTREAIH ATEQGFVGM HAALHINPY Y GKTSIEGLIA HFQSVLHMGP TIIYNVPGRT GQDIPPRAIF KLSQNP NLAG VKECVGNKRV EEYTENGVVV WSGNDDECHD SRWDYGATGV ISVTSNLVPG LMRKLMFEGR NSSLNSKLLP LMAWLFHEPN PIGINTALAQ LGVSRPVFRL PYVPLPLSKR LEFVKLVKEI GREHFVGEKD VQALDDDDFI LIGRY
Source	E.coli
Target Names	DHDPS2
Protein Names	Recommended name: Dihydrodipicolinate synthase 2, chloroplastic Short name= DHDPS 2 EC= 4.2.1.52
Expression Region	40-365
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 of Mature 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.