



Recombinant Arabidopsis thaliana Phospho-2-dehydro-3-deoxyheptonate aldolase 1, chloroplastic (DHS1)

Product Code	CSB-EP328948DOA-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.	P29976
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	EPARNAVS VKESVASSSS GALKWTPESW KLKKALQLPD YPNANELESV LKTIEAFPPI VFAGEARNLE ERLADAAVGK AFLQGGDCA ESFKEFNATN IRDTRVLLQ MSIVLTFGGQ VPKVIGRMA GQFAKPRSDA FEEKDGVKLP SYKGDNINGD TFDEKSRIPI PNRMIRAYTQ SAATLNLRA FATGGYAAIQ RVTQWNLDV EQSEQADRYQ ELANRVDEAL GFMSACGLGT DHPLMTTDF YTSHECLLLP YEQSLTRLDS TSGLYYDCSA HVMWCGERTR QLDGAHVEFL RGIANPLGIK VSNKMDPFEL VKLVEILNPN NKPGRITVIV RMGAENMRVK LPHLIRAVRR SGQIVTWVCD PMHGNTIKAP CGLKTRAFDS ILAEVRAFLD VHEQEGSHAG GIHLEMTGQN VTECIGGSRT VTYDDLSSRY HTHCDPRLNA SQSLELAFIV AERLRKRRTG SQRVS
Source	E.coli
Target Names	DHS1
Protein Names	Recommended name: Phospho-2-dehydro-3-deoxyheptonate aldolase 1, chloroplastic EC= 2.5.1.54 Alternative name(s): 3-deoxy-D-arabino-heptulosonate 7-phosphate synthase 1 DAHP synthase 1 Phospho-2-keto-3-deoxyheptonate aldolase 1
Expression Region	53-525
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

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