



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

<b>Product Code</b>	CSB-BP328948DOA
<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>	P29976
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	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 QSLELAFIV AERLRKRRTG SQRVS
<b>Source</b>	Baculovirus
<b>Target Names</b>	DHS1
<b>Protein Names</b>	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
<b>Expression Region</b>	53-525
<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 of Mature 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

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.