



# Recombinant *Oryza sativa* subsp. *japonica* Phospho-2-dehydro-3-deoxyheptonate aldolase 2, chloroplastic (DAHPS2)

<b>Product Code</b>	CSB-EP748453OFG-B
<b>Abbreviation</b>	DAHPS2
<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>	Q75W16
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	AAAKAS SPSTVAAPEK KPVGLGKWTV DSWKAKKALQ LPEYPSQEEL DSVLKTIETF PPVVFAGEAR HLEERLADAA MGRAFLVQGG DCAESFKEFN ANNIRDTFRI LLQMGAVLMF GGQMPVVKVV GRMAGQFAKP RSDSFEERDG VKLPSYRGDN INGDTFDEKS RVPDPQRMIR AYAQSVATLN LLRAFATGGY AAMQRVTQWN LDFMDHSEQG DRRYRELAHR VDEALGFMTA AGLTVDHPIM TTTDFWTSHE CLLLPYEQSL TREDSTGLF YDCSAHMLWV GERTRQLDGA HVEFLRGVAN PLGIKVSDKM NPRDLVKLIE ILNPSNKPGR ITIITRMGAE NMRVKLPHLI RAVRNSGQIV TWITDPMHGN TIKAPCGLKT RPFDSILAEV RAFFDVHDQE GSHPGGIHLE MTGQNVTECI GGSRTVTFDD LSDRYHTHCD PRLNASQSLE LAFIIAERLR RRRMRSGVNS NLPLPPLAF
<b>Source</b>	E.coli
<b>Target Names</b>	DAHPS2
<b>Protein Names</b>	Recommended name: Phospho-2-dehydro-3-deoxyheptonate aldolase 2, chloroplastic EC= 2.5.1.54 Alternative name(s): 3-deoxy-D-arabino-heptulosonate 7-phosphate synthase 2 DAHP synthase 2 Phospho-2-keto-3-deoxyheptonate aldolase 2
<b>Expression Region</b>	55-539
<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.