



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

Product Code	CSB-MP748453OFG
Abbreviation	DAHPS2
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.	Q75W16
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	>85% (SDS-PAGE)
Sequence	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 PLGIKVS DKM NPRDLVKLIE ILNPSNKPGR ITIITRMGAE NMRVKLPHLI RAVRNSGQIV TWITDPMHGN TIKAPCGLKT RPFDSILAEV RAFFDVHDQE GSHPGGIHLE MTGQNVTECI GGSRTVTFDD LSDRYHHTHCD PRLNASQSLE LAFIIAERLR RRRMRSGVNS NLPLPPLAF
Source	Mammalian cell
Target Names	DAHPS2
Protein Names	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
Expression Region	55-539
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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