



Recombinant *Synechococcus elongatus* Dihydrodipicolinate reductase (dapB)

Product Code	CSB-EP656021FPY
Abbreviation	dapB
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.	Q31LA3
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	MAHPIPVVN GATGKMGRET IKAIAAADDV TLVGAIARSA DVQQQDIGEI VGLGPLEVPV TNDLEGMLCL ASQEREVPV VDFTHPDCIY DNVRKAIAYG VRPVVGTGL NNEQLQELAE FAEKASVGCL VIPNFSIGMV LLMQAAIQAS RFYDHVEILE LHHDQKADAP SGTAIKTAQM LAELGKTFNP PKVTEKETMP GARGAVGPEN IRIHSVRLPG LIAHEEVIFG APGEILTLRH DTMDRSCYMP GVLLAVRKVR QLTGLIYGLD RIL
Source	E.coli
Target Names	dapB
Protein Names	Recommended name: Dihydrodipicolinate reductase Short name= DHPR EC= 1.3.1.26
Expression Region	1-273
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 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.