



Recombinant Escherichia fergusonii Dihydrodipicolinate synthase (dapA)

Product Code	CSB-YP487540EOR
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.	B7LKG3
Product Type	Recombinant Protein
Immunogen Species	Escherichia fergusonii (strain ATCC 35469 / DSM 13698 / CDC 0568-73)
Purity	>85% (SDS-PAGE)
Sequence	MFTGSIVALV TPMDDKGNVC RSSLKKLIDY HVASG TSAIV SVGTTGESAT LSHDEHGDVV MMTLELADGR IPVIAGTGAN ATAE AISLTQ RFND SGVVG C LTVTPYYNRP TQEGLYQHFK AIAEHTDLPQ ILYNVPSRTG CDMLPETVGR LAKVKNIVAI KEATGNLSRV HQIKELVSDD FLLLSGDDAT GLDFMQLGGH GVISVTANVA ARDMAEMCRL AEGQFAEAR VINQRLMPLH NKLFVEPNPI PVKWACKELG LVATDTLRP MTPITDNGKE IVRAALKHAG LL
Source	Yeast
Target Names	dapA
Protein Names	Recommended name: Dihydrodipicolinate synthase Short name= DHDPS EC= 4.2.1.52
Expression Region	1-292
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.