



Recombinant Escherichia coli 1-deoxy-D-xylulose 5-phosphate reductoisomerase (dxr)

Product Code	CSB-EP332636ENV-B
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.	P45568
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MKQLTILGST GSIGCSTLDV VRHNPEHFRV VALVAGKNVT RMVEQCLEFS PRYAVMDDEA SAKLLKTMLQ QQGSRTEVLS GQQAACDMAA LEDVDQVMAA IVGAAGLLPT LAAIRAGKTI LLANKESLVT CGRLFMDAVK QSKAQLLPVD SEHNAIFQSL PQPIQHNLGY ADLEQNGVVS ILLTGSGGPF RETPLRDLAT MTPDQACRHP NWSMGRKISV DSATMMNKGL EYIEARWLFN ASASQMEVLI HPQSVIHSMV RYQDGSVLAQ LGEPDMRTP I AHTMAWPNRV NSGVKPLDFC KLSALTFAAP DYDRYPCLKL AMEAFEQGQA ATTALNAANE ITVAAFLAQQ IRFTDIAALN LSVLEKMDMR EPQCVDDVLS VDANAREVAR KEVMRLAS
Source	E.coli
Target Names	dxr
Protein Names	Recommended name: 1-deoxy-D-xylulose 5-phosphate reductoisomerase Short name= DXP reductoisomerase EC= 1.1.1.267 Alternative name(s): 1-deoxyxylulose-5-phosphate reductoisomerase 2-C-methyl-D-erythritol 4-phosphate synthase
Expression Region	1-398
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



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