



Recombinant *Oryza sativa* subsp. japonica 1-deoxy-D-xylulose 5-phosphate reductoisomerase, chloroplastic (DXR)

Product Code	CSB-MP837791OFG
Abbreviation	DXR
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.	Q8W250
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	>85% (SDS-PAGE)
Sequence	C SMQQAPPPAW PGRAVVEPGR RSWDGPKPIS IVGSTGSIGT QTLDIVAENP DKFRVVALAA GSNVTLLADQ VKTFKPKLVA VRNESLVDEL KEALADCDWK PEIIPGEQGV IEVARHPDAV TVVTGIVGCA GLKPTVAAIE AGKDIALANK ETLIAGGPFV LPLAQKHVKV ILPADSEHSA IFQCIQGLPE GALRRIILTA SGGAFRDWPV DKLKEVKVAD ALKHPNWNMG KKITVDSATL FNKGLEVIEA HYLFGAEYDD IEVIHPQSI IHSMIETQDS SVLAQLGWPD MRIPILYTMS WPDRIYCSEV TWPRLDLCKL GSLTFKAPDN VKYPSMDLAY AAGRAGGTMT GVLSAANEKA VELFIDEKIG YLDIFKVVEL TCDAHRNELV TRPSLEEEIH YDLWAREYAA SLQPSTGLSP VPV
Source	Mammalian cell
Target Names	DXR
Protein Names	Recommended name: 1-deoxy-D-xylulose 5-phosphate reductoisomerase, chloroplastic Short name= 1-deoxyxylulose-5-phosphate reductoisomerase Short name= DXP reductoisomerase EC= 1.1.1.267 Alternative name(s): 2-C-methyl-D-erythri
Expression Region	50-473
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

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.