Recombinant Escherichia coli 2-dehydro-3-deoxyphosphooctonate aldolase (kdsA)

Product Code	CSB-YP542350ENT
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.	B1XAQ6
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12 / DH10B)
Purity	>85% (SDS-PAGE)
Sequence	MKQKVVSIGD INVANDLPFV LFGGMNVLES RDLAMRICEH YVTVTQKLGI PYVFKASFDK ANRSSIHSYR GPGLEEGMKI FQELKQTFGV KIITDVHEPS QAQPVADVVD VIQLPAFLAR QTDLVEAMAK TGAVINVKKP QFVSPGQMGN IVDKFKEGGN EKVILCDRGA NFGYDNLVVD MLGFSIMKKV SGNSPVIFDV THALQCRDPF GAASGGRRAQ VAELARAGMA VGLAGLFIEA HPDPEHAKCD GPSALPLAKL EPFLKQMKAI DDLVKGFEEL DTSK
Source	Yeast
Target Names	kdsA
Protein Names	Recommended name: 2-dehydro-3-deoxyphosphooctonate aldolase EC= 2.5.1.55 Alternative name(s): 3-deoxy-D-manno-octulosonic acid 8-phosphate synthase KDO-8-phosphate synthase Short name= KDO 8-P synthase Short name= KDOPS
Expression Region	1-284
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.