



Recombinant *Pasteurella haemolytica* 2-dehydro-3-deoxyphosphooctonate aldolase (kdsA)

Product Code	CSB-BP309825ESE
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P95514
Product Type	Recombinant Protein
Immunogen Species	<i>Mannheimia haemolytica</i> (<i>Pasteurella haemolytica</i>)
Purity	>85% (SDS-PAGE)
Sequence	MQQKTIKLGN LEIANDKPFT LFGGMNVLES RDMAMAVCEK YVEVTNKLGV PYVFKASFDK ANRSSIHSYR GPGMEEGLKI FQELKDTFGV KIITDVHEIY QCKPVAEVVD IIQLPAFLAR QTDLVEAMAR TGAVINVKKP QFLSPGQMGN IVEKIEECGN DQVILCDRGT NFGYDNLVVD MLGFSVMKQV SKGCPVIFDV THSLQCRDPF GAASSGRRQA VTELARAGLA VGIAGLFLEA HPDPNNAKCD GPSALPLSTL EAFVGQMKAI DDLVKSFPEI DTSK
Source	Baculovirus
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.