



Recombinant *Bacillus clausii* 4-deoxy-L-threo-5-hexosulose-uronate ketol-isomerase (kdul)

Product Code	CSB-EP736270BAAC
Abbreviation	kdul
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.	Q5WJC2
Product Type	Recombinant Protein
Immunogen Species	<i>Bacillus clausii</i> (strain KSM-K16)
Purity	≥85% (SDS-PAGE)
Sequence	MDIRYEVGPK DFKTYTTEEM REAFLVESLF EEGALHLSYS HYDRLIIGGA VPSHEAIALD AGDALKTDYF LERRELAVIN IGGKGTVTVG KDTYKMAKRD CLYVGRGNEH VEFASNDPQQ PARFYLVSAT AHQTYPTKLA PIGEAQPTKL GSDAESNNRT IYKYIHKDGI ESCQLMVGMT LLEPNNMWNT MPAHLHDRRM EAYLYFDMEE DTRVFHFMGQ PQETRHLVIK NEQAVISPPW SIHSGVGTSN YTFIWAMAGE NYTFTDMDTV AMEELK
Source	<i>E.coli</i>
Target Names	kdul
Protein Names	Recommended name: 4-deoxy-L-threo-5-hexosulose-uronate ketol-isomerase EC= 5.3.1.17 Alternative name(s): 5-keto-4-deoxyuronate isomerase DKl isomerase
Expression Region	1-276
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.