



Recombinant Bifunctional protein HldE (hldE)

Product Code	CSB-YP752759SZB
Abbreviation	hldE
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.	Q7UBI8
Product Type	Recombinant Protein
Immunogen Species	Shigella flexneri
Purity	>85% (SDS-PAGE)
Sequence	MKVTLPREFER AGVMVVGDM LDYRWYGPTS RISPEAPVPV VKVNTIEERP GGAANVAMNI ASLGANARLV GLTGIDDAAR ALSKSLADVN VKCDFVSVPT HPTITKLRVL SRNQQRLRLD FEEGFEGVDP QPMHERINQA LSSIGALVLS DYAKGALASV QQMIQLARKA GVPVLIDPKG TDFERYRGAT LLTPNLSEFE AVVGKCKTEE EIVERGMKLI ADYELSALLV TRSEQGMSLL QPGKAPLHMP TQAQEVYDVT GAGDTVIGVL AATLAAGNSL EEACFFANAA AGVVVGKLG TSTVSPIELEN AVRGRADTGF GVMTEEELKL AVAAARKRGE KVVMTNGVFD ILHAGHVFYL ANARKLGDRL IVAVNSDAST KRLKGDSPV NPLEQRMIVL GALEAVDWVV SFEEDTPQRL IAGILPDLV KGGDYKPEEI AGSKEVWANG GEVLVLNFED GCSTTNIKK IQQDKK
Source	Yeast
Target Names	hldE
Protein Names	Recommended name: Bifunctional protein HldE Including the following 2 domains: D-beta-D-heptose 7-phosphate kinase EC= 2.7.1.- Alternative name(s): D-beta-D-heptose 7-phosphotransferase D-beta-D-heptose 1-phosphate adenosyltrans
Expression Region	1-477
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.