



# Recombinant Bifunctional protein HldE (hldE)

<b>Product Code</b>	CSB-MP752759SZB
<b>Abbreviation</b>	hldE
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q7UBI8
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Shigella flexneri
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MKVTLPREFER AGVMVVGDMV 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
<b>Source</b>	Mammalian cell
<b>Target Names</b>	hldE
<b>Protein Names</b>	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
<b>Expression Region</b>	1-477
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.