



Recombinant *Methylococcus capsulatus* Bifunctional protein HldE (hldE)

Product Code	CSB-BP726678MFM
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.	Q607M3
Product Type	Recombinant Protein
Immunogen Species	<i>Methylococcus capsulatus</i> (strain ATCC 33009 / NCIMB 11132 / Bath)
Purity	≥85% (SDS-PAGE)
Sequence	MILPDFSLAR VLVVGDMLLD RYWFGGASRI SPEAPVPVVR VESSEERIGG AGNVALNLAA LGGEVDLLGY AGEDEAAAAL ERLAVAGIR SHIERCPAVA TITKLRVVSRR QQQLIRLDFE DGFAHLDPAP LVTRFRALLE ETGVVVLSDY AKGTLACVEE FIAASRRAGK PVLVDPKGVD FDRYRGATLL TPNLSEFEAV VGACCDDAEI ERKGRALMTR LDLEALLVTR GEHGMSLLRP TAGALHLPAAH GKEVYDVTGA GDTVISVLAA ALAVGRPLTD AVALANLAAG IIVGKLGTS VSPEELAI AI HGQRAPRRGA ITLAELLDVL IPLRRAGERI VVTNGCFD LL HPGHVHYLEQ ARALGDRLIV LVNGDDSVRR LKGAGRPVNP LPHRMAMLA LESVDWVAVF DGDTPRDEIC AIRPHVLVKG GDYADITAI V GHDCVLETGG EVRILDFVEG HSTTRII EAI RNG
Source	Baculovirus
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	1-473
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.