

Bifunctional protein HldE (hldE) Recombinant Protein | hldE recombinant protein

Recombinant Escherichia coli Bifunctional protein HldE (hldE)

CATALOG # AAA116069	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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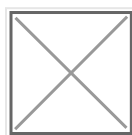
PRODUCT SYNONYMS

Bifunctional protein HldE (hldE); Recombinant Escherichia coli Bifunctional protein HldE (hldE); Bifunctional protein HldE; Including the following 2 domains:; D-beta-D-heptose 7-phosphate kinase; EC=2.7.1.-; D-beta-D-heptose 7-phosphotransferase; D-beta-D-heptose 1-phosphate adenosyltransferase; EC=2.7.7.-; hldE recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-477aa; Full Length
Sequence	MKVTLPREFER AGVMVVGDM LDYRWYGPTS RISPEAPVPV VKVNTIEERP GGAANVAMNI ASLGANARLV GLTGIDDAAR ALSKSLADV VKCDFVSVPT HPTITKLRLV SRNQLRLD FEEGFEGVDP QPLHERINQA LSSIGALVLS DYAKGALASV QQMIQLARKA GVPVLIDPKG TDFERYRGAT LLTPNLSEFE AVVGKCKTEE EIVERGMKLI ADYELSALLV TRSEQMSLL QPGKAPLHMP TQAQEVYDVT GAGDTVIGVL AATLAAGNSL EEACFFANAA AGVVVGKLTG STVSPIELN AVRGRADTGF GVMTEELKL AVAAARKRGE KVVMTNGVFD ILHAGHVSYL ANARKLGDR ILVAVNSDAST KRLKGDSRPV NPLEQRMIVL GALEAVDWVV SFEEDTPQRL IAGILPDLV KGGDYKPEEI AGSKEVWANG GEVLVLFED GCSTTNIKK IQQDKKG
Sequence Length	477
Species	Escherichia coli (strain K12)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for hldE recombinant protein	Catalyzes the phosphorylation of D-glycero-D-manno-heptose 7-phosphate at the C-1 position to selectively form D-glycero-beta-D-manno-heptose-1,7-bisphosphate.
Product Categories/Family for hldE recombinant protein	Microbiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	16130948
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NCBI GeneID	947548
NCBI Accession #	NP_417524.1
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P76658 ; Q2M9F3 ; Q6J1J5
Molecular Weight	67.1 kDa
NCBI Official Full Name	heptose 7-phosphate kinase and heptose 1-phosphate adenylyltransferase
NCBI Official Symbol	hldE
NCBI Official Synonym Symbols	ECK3042; gmhC; JW3024; rfaE; waaE; yqiF
NCBI Protein Information	heptose 7-phosphate kinase and heptose 1-phosphate adenylyltransferase
UniProt Protein Name	Bifunctional protein HldE
UniProt Gene Name	hldE
UniProt Synonym Gene Names	rfaE; waaE; yqiF
UniProt Entry Name	HLDE_ECOLI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hlde-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116069>