Bifunctional Protein Hlde (hldE) Erwinia Tasmaniensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Bifunctional protein HldE (hldE), Recombinant Protein
Full Product Name	Recombinant Erwinia tasmaniensis Bifunctional protein HldE (hldE)
Product Gene Name	hldE recombinant protein
Sequence	MKITLPDFTR AGVLVVGDVM LDRYWYGPTN RISPEAPVPV VKVDSVEERP GGAANVAMNI ASLGAKSRLV GLTGVDDAAR ALSAALSGVN VQCDFVSVAT HPTITKLRVL SRNQQLIRLD FEEGFDGVDP EPMLERIQRS LPGIGALVLS DYAKGALATV ETMIALARKA GVPVLVDPKG TDFSRYHGAT LLTPNLSEFE AVVGKCKSEA DIVERGTALM QQHALSALLV TRSEHGMTLL QPGKAPFHMP TQAQEVFDVT GAGDTVIGVL ATALAAGNTL EESCFLANAA AGVVVGKLGT STVSPMELEN AIHARPESGF GVMSEAQLIV EVKKARQRGE KVVMTNGVFD ILHAGHVSYL ANARKLGDRL IVAVNSDAST RRLKGETRPV NPLLNRMMVL GALEAVDWVI GFEEDTPQRA IAEILPDLLV KGGDYKPEDI AGSKEVWANG GDVQVLNFED GISTSNIIKT IISGSGKN
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
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.
Molecular Weight	50,718 Da
Sequence Positions	1-478, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for B2VGJ9
Species	Erwinia tasmaniensis (strain DSM 17950 / Et1/99)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hldE recombinant protein	MBS1206607 is a recombinant protein targeting hldE. Also known as Recombinant Erwinia tasmaniensis Bifunctional protein HldE (hldE). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hldE recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for hldE. It may not necessarily be applicable to this product.

NCBI GI #	501408617
NCBI Accession #	WP_012440183.1
UniProt Primary Accession #	B2VGJ9
GenBank Nucleotide #	WP_012440183.1
NCBI Official Full Name	bifunctional heptose 7-phosphate kinase/heptose 1-phosphate adenyltransferase

UniProt Protein Name	Bifunctional protein HldE
UniProt Synonym Protein Names	D-glycero-beta-D-manno-heptose 1-phosphate adenylyltransferase
Protein Family	Bifunctional protein
UniProt Gene Name	hldE
UniProt Comments for hldE	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.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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