



Recombinant 4-hydroxy-2-oxovalerate aldolase (mhpE)

Product Code	CSB-MP848867EOD
Abbreviation	mhpE
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.	Q8X5J8
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	≥85% (SDS-PAGE)
Sequence	MNGKKLYISD VTLRDGMHAI RHQYSLENVR QIAKALDDAR VDSIEVAHGD GLQGSSFNYG FGAHSDLEWI EAAADVVKHA KIATLLLPGI GTIHDLKNAW QAGARVVRVA THCTEADVSA QHIQYARELG MDTVGFLLMS HMTTPENLAK QAKLMEGYGA TCIYVVDSSG AMNMSDIRDR FRALKAVLKP ETQTGMHAHH NLSLGVANSI AAVEEGCDRI DASLAGMGAG AGNAPLEVFI AAVDKLGWQH GADLYALMDA ADDLVRPLQD RPVRVDRETL ALGYAGVYSS FLRHCETAAA RYGLSAVDIL VELGKRRMVG GQEDMIVDVA LDLRNNK
Source	Mammalian cell
Target Names	mhpE
Protein Names	Recommended name: 4-hydroxy-2-oxovalerate aldolase Short name= HOA EC= 4.1.3.39 Alternative name(s): 4-hydroxy-2-keto-pentanoic acid aldolase 4-hydroxy-2-oxopentanoate aldolase
Expression Region	1-337
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.