



Recombinant Escherichia coli 3-hydroxyadipyl-CoA dehydrogenase (paaH)

Product Code	CSB-EP301178ENV-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P76083
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MMINVQTVAV IGS GTMGAGI AEVAASHGHQ VLLYDISAEA LTR AIDGIHA RLNSRVTRGK LTAETCERTL KRLIPVTDIH ALAAADLVIE AASERLEVKK ALFAQLAEVC PPQTLTNT SSISIT AIAA EIKNPERVAG LHFFNPAPVM KLVEVVSGLA TAAEVVEQLC ELT LSWGKQP VRCHSTPGFI VNRVARPYYS EAWRALEEQV AAPEVIDAAL RDGAGFPMGP LELTDLIGQD VNF AVTCSVF NAFWQERRFL PSLVQQELVI GGRLGKKSGL GVDWRAERE AVVGLEAVSD SFSPMKVEKK SDGVTEIDDV LLIETQGETA QALAIRLARP VVIDK MAGK VVTIAAAAVN PDSATRKAIY YLQQQGKTVL QIADYPGMLI WRTVAMIINE ALDALQKGVA SEQDIDTAMR LGVNYPYGPL AWGAQLGWQR ILRLLENLQH HYGEERYRPC SLLRQRALLE SGYES
Source	E.coli
Target Names	paaH
Protein Names	Recommended name: 3-hydroxyadipyl-CoA dehydrogenase EC= 1.1.1.157 Alternative name(s): Beta-hydroxybutyryl-CoA dehydrogenase Short name= BHBD
Expression Region	1-475
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.