



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

<b>Product Code</b>	CSB-YP301178ENV
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P76083
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MMINVQTVAV IGSGTMGAGI AEVAASHGHQ VLLYDISAEA LTRAIIDGIHA RLNSRVTRGK LTAETCERTL KRLIPVTDIH ALAAADLVIE AASERLEVKK ALFAQLAEVC PPQTLTNT SSISITAIAA EIKNPERVAG LHFFNPAPVM KLVEVVSGLA TAAEVVEQLC ELTLSWGKQP VRCHSTPGFI VNRVARPYYS EAWRALEEQV AAPEVIDAAL RDGAGFPMGP LELTDLIGQD VNFVAVTCSVF NAFWQERRFL PSLVQQELVI GGRLGKKSGL GVDYDWAERE AVVGGLEAVSD SFSPMKVEKK SDGVTEIDDV LLIETQGETA QALAIRLARP VVIDK MAGK VVTIAAAAVN PDSATRKAIY YLQQQGKTVL QIADYPGMLI WRTVAMIINE ALDALQKGVA SEQDIDTAMR LGVNYPYGPL AWGAQLGWQR ILRLLENLQH HYGEERYRPC SLLRQRALLE SGYES
<b>Source</b>	Yeast
<b>Target Names</b>	paaH
<b>Protein Names</b>	Recommended name: 3-hydroxyadipyl-CoA dehydrogenase EC= 1.1.1.157 Alternative name(s): Beta-hydroxybutyryl-CoA dehydrogenase Short name= BHBD
<b>Expression Region</b>	1-475
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.