



# Recombinant Escherichia coli Bifunctional protein PaaZ (paaZ)

<b>Product Code</b>	CSB-YP303535ENV
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P77455
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MQQLASFLSG TWQSGRGRSR LIHHAISGEA LWEVTSEGLD MAAARQFAIE            KGAPALRAMT FIERAAMLKA VAKHLLSEKE RFYALSAQTG ATRADSWVDI            EGGIGTLFTY ASLGSRELPD DTLWPEDELI PLSKEGGFAA RHLLTSKSGV            AVHINAFNFP CWGMLEKLAP TWLGGMPAII KPATATAQLT QAMVKSIVDS            GLVPEGAISL ICGSAGDLLD HLDSQDVVTF TGSAATGQML RVQPNIVAKS            IPFTMEADSL NCCVLGEDVT PDQPEFALFI REVVREMTTK AGQKCTAIRR            IIVPQALVNA VSDALVARLQ KVVVGDPAQE GVKMGALVNA EQRADVQEKV            NILLAAGCEI RLGQADLSA AGAFFPPTLL YCPQPDETPA VHATEAFGPV            ATLMPAQNR HALQLACAGG GSLAGTLVTA DPQIARQFIA DAARTHGRIQ            ILNEESAKES TGHGSPLPQL VHGGPGRAGG GEELGLRAV KHYMQRTAVQ            GSPTMLAAIS KQWVRGAKVE EDRIHPFRKY FEELQPGDSL LTPRRTMTEA            DIVNFACLSG DHFYAHMDKI AAAESIFGER VVHG YFVLSA AAGLFVDAGV            GPVIANYGLE SLRFIEPVKP GDTIQVRLTC KRKTLKKQRS AEEKPTGVVE            WAVEVFNQHQ TPVALYSILT LVARQHGDV D</p>
<b>Source</b>	Yeast
<b>Target Names</b>	paaZ
<b>Protein Names</b>	Recommended name: Bifunctional protein PaaZ Including the following 2 domains: 2-oxepin-2(3H)-ylideneacetyl-CoA hydrolase EC= 3.7.1.16 Alternative name(s): Oxepin-CoA hydrolase 3-oxo-5,6-dehydrosuberyl-CoA semialdehyde dehydroge
<b>Expression Region</b>	1-681
<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.