



Recombinant Escherichia coli Bifunctional protein PaaZ (paaZ)

Product Code	CSB-EP303535ENV-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P77455
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	<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 ATLMPAQNQR HALQLACAGG GSLAGTLVTA DPQIARQFIA DAARTHGRIQ ILNEESAKES TGHGSPLPQL VHGGPGRAGG GEELGGLRAV KHYMQRTAVQ GSPTMLAAIS KQWVRGAKVE EDRIHPFRKY FEELQPGDSL LTPRRTMTEA DIVNFACLSG DHFYAHMDKI AAAESIFGER VVHGYFVLSA AAGLFVDAGV GPVIANYGLE SLRFIEPVKP GDTIQVRLTC KRKTLKKQRS AEEKPTGVVE WAVEVFNQHQ TPVALYSILT LVARQHGFV D</p>
Source	E.coli
Target Names	paaZ
Protein Names	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
Expression Region	1-681
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.