



# Recombinant Escherichia coli 2,4-dienoyl-CoA reductase [NADPH] (fadH)

<b>Product Code</b>	CSB-EP337145ENV-B
<b>Storage</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.
<b>Uniprot No.</b>	P42593
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<pre>SYPSLFAPL DLGFTTLKNR VLMGSMHTGL EEYPDGAERL AAFYAERARH GVALIVSGGI APDLTGVGME GGAMLNDASQ IPHRTITEA VHQEGGKIAL QILHTGRYSY QPHLVAPSAL QAPINRFVPH ELSHEEILQL IDNFARCAQL AREAGYDGVE VMGSEGYLIN EFLTLRTNQR SDQWGGDYRN RMRFAVEVVR AVRERVGNDF IIIYRLSMLD LVEDGGTFAE TVELAQAI EA AGATIINTGI GWHEARIPTI ATPVPRGAFS WVTRKLGHV SLPLVTTNRI NDPQVADDIL SRGDADMVSM ARPFLADAEL LSQAQSGRAD EINTCIGCNQ ACLDQIFVGK VTSCLVNPRACHETKMPILP AVQKKNLAVV GAGPAGLAF A INAAARGHQV TLFDAHSEIG GQFNIAKQIP GKEEFYETLR YYRRMIEVTG VTLKLNHTVT ADQLQAFDET ILASGIVPRT PPIDGIDHPK VLSYLDVLRD KAPVGNKVAI ICGGGIGFDT AMYLSQPGES TSQNIAGFCN EWGIDSSLQQ AGGLSPQGMQ IPRSPRQIVM LQRKASKPGQ GLGKTTGWIH RTLLSRGVK MIPGVSQYQKI DDDGLHVVIN GETQVLAVDN VVICAGQEPN RALAQPLIDS GKTVHLIGGC DVAMELDARR AIAQGTRLAL EI</pre>
<b>Source</b>	E.coli
<b>Target Names</b>	fadH
<b>Protein Names</b>	Recommended name: 2,4-dienoyl-CoA reductase [NADPH] EC= 1.3.1.34 Alternative name(s): 2,4-dienoyl coenzyme A reductase
<b>Expression Region</b>	2-672
<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 of Mature 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.



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