

Recombinant E. coli IdhA protein ab130061

1 Image

Description	
Product name	Recombinant E. coli IdhA protein
Purity	> 95 % SDS-PAGE. ab130061 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>P52643</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Escherichia coli
Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMKLAVY STKQYDKKYL QQVNESFGFE LEFFDFLLTE KTAKTANGCE AVCIFVNDDG SRPVLEELKK HGVKYIALRC AGFNNVDLDA AKELGLKVVR VPAYDPEAVA EHAIGMMMTL NRRHGRAYQR TRDANFSLEG LTGFTMYGKT AGVIGTGKIG VAMLRILKGF GMRLLAFDPYPSAAALELGV EYVDLPTLFS ESDVISLHCP LTPENYHLLN EAAFEQMKNQ VMIVNTSRGA LIDSQAAIEA LKNQKIGSLG MDVYENERDL FFEDKSNDVI QDDVFRRLSA CHNVLFTHQ AFLTAEALTS ISQTTLQNLS NLEKGETCPN ELV
Predicted molecular weight	39 kDa including tags
Amino acids	1 to 329
Tags	His tag N-Terminus
Description	Recombinant <i>E. coli</i> IdhA protein

Specifications	
Our <u>Abpromise guarantee</u> covers the use of ab130061 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	SDS-PAGE Mass Spectrometry

Mass spectrometry	MALDI-TOF
Form	Liquid

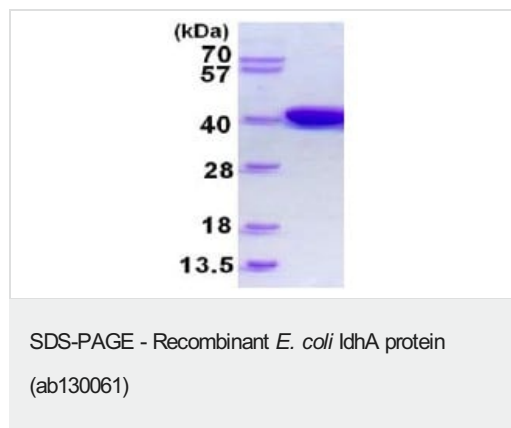
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8 Constituents: 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride
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General Info

Relevance	ldhA, also known as D-lactate dehydrogenase, belongs to the D-isomer specific 2-hydroxyacid dehydrogenase family. In enzymology, a D-lactate dehydrogenase (cytochrome) is an enzyme that catalyzes the chemical reaction. Thus, the two substrates of this enzyme are (D)-lactate and ferricytochrome c, whereas its two products are pyruvate and ferrocytochrome c.
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Images



15% SDS-PAGE showing ab130061 (3µg).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Response to your inquiry within 24 hours
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