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M E K I A D S G P V Q I F L S R R K L L A F S G A S L T V A

FdhS (Subunit III)

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FdhC (Subunit II)

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G A Q L Y P A M P Y D A Y N R L T D E D V K S L Y A Y I M T

1090 1100 1110 1120 1130 1140 1150 1160 1170
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E V K P V D A P S P K T Q L P F P F S I R A S L G I W K I A

1180 1190 1200 1210 1220 1230 1240 1250 1260
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1270 1280 1290 1300 1310 1320 1330 1340 1350
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FdhL (Subunit I)

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3700      3710      3720      3730      3740      3750      3760      3770      3780
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S G T V N S T L T M A A L S L R A A D A I L N D L K Q G *

3790      3800      3810      3820      3830      3840      3850      3860      3870
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Hypothetical protein

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3970      3980      3990      4000      4010      4020      4030      4040      4050
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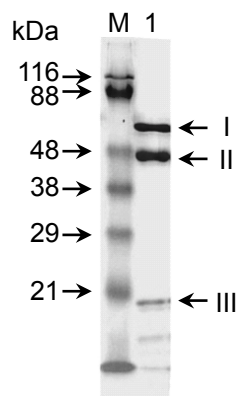
4060      4070      4080      4090      4100      4110      4120      4130      4140
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K T A L S F A R P T A D M E H A L N S G N Y M I S T L P N A

4150      4160      4170      4180      4190      4200
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L P A G G G Y P I M V N N E L V V G H H K D

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Fig. S1. Nucleotide and predicted amino acid sequences of *fdhSCL* are shown. Part of the gene for a hypothetical protein downstream of *fdhL* is also shown. Possible ribosome-binding sites located prior to the initiation codon of each gene are shown in bold face. Consensus sequences for heme C binding and FAD binding are shown in bold face. Black arrowheads indicate putative cleavage sites for the precursor forms of subunits II and III, predicted by the SOSUI signal program. The amino acid sequence of subunit I determined by the peptide sequencer is underlined. The nucleotide sequence and predicted amino acid sequences for *fdhSCL* were deposited to DDBJ with the accession number AB728565.



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Fig. S2. Coomassie staining of the purified FDH complex separated by SDS-PAGE. Lane M, Molecular mass standard and 10 μg of the purified FDH complex were applied on lanes 1 and M, respectively.