Table S1 Oligonucleotide sequences used in this study

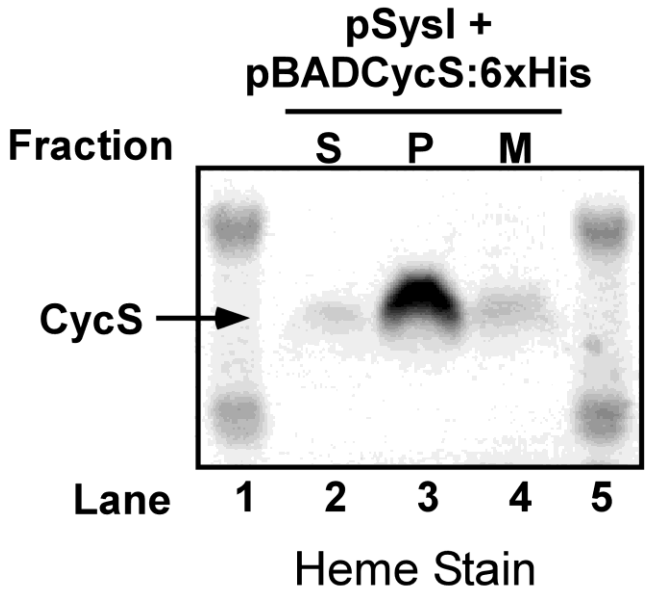
Oligo Name & Purpose	Sequence	Reference
CCHL.F-MfeI (Construction of pRGK399)	CTCAATTGATGGGTTTGTCTCCATCTGC	This study
CCHL.R-HindIII (Construction of pRGK399/ pRGK400)	CGAAGCTTGTGCATAGTTTTACGAGGTCCAAC	This study
CCHL.F-His-NcoI (Construction of pRGK400)	CCAGCCATGGGTCATCATCATCATCATC ACGGTTTGTCTCCATCTGCTCC	This study
pBAD-signal-right (Construction of pRGK390)	CACCATGAAAGCCGCTCTGGGGGCTG	*a*
pBADc4signal (Construction of pRGK390)	CGCAGCGCCCGCGGCCGCGAAACT	This study
cycS.F (Construction of pRGK390)	CCCGCGGCCGCGATGGGTGATGTTGA GAAAGGC	This study
cycSHis.R (Construction of pRGK390)	GCGGGTACCTTAGTGGTGGTGGTGGTG GTGTTCATTAGTAGCTTTTTTCAGATA	This study
cycS-c2 9-19.F (Construction of pRGK401)	TTCAACAAGTGCAAGACCTGCCACTC GATCATCAAGGGAGGGCAAGCACAAG	This study
cycS-c2 2-8.R (Construction of pRGK401)	TTCTTTTTCGCCCTTCGCGGCGTCATCACC CATCGCGGCCGCGAAAC	This study
cytc2:His L (Construction of pRGK389)	CTATGGTACCGAAGATCAGCCTCAGCC TCACTGCCGCCACTGTC	This study
cytc2:His R (Construction of pRGK389)	CTATCTGCAGTTAGTGGTGGTGGTGGTG GTGTTTCACGACCGAGGCCAGAT	This study
Tn5 Kan Fwd (Verification of transductants)	CGGTGCCCTGAATGAACTGC	*b*
Tn5 Kan Rev (Verification of transductants)	CGGCCACAGTCGATGAATCC	*b*
dsbA.F (Verification of transductants)	CGGGGAAGATTACTGGCTGC	This study
dsbB.F (Verification of transductants)	AAACTGCGCACTCTATGCAT	This study

Table S1 cont'd Oligonucleotide sequences used in this study

Oligo Name & Purpose	Sequence	Reference
dsbC.R (Verification of transductants)	GGCGACGAAGTTGTATCTGTT	This study
dsbD.R (Verification of transductants)	CGCTATTTTCCTCCGTCTTTCC	This study
dsbG.F (Verification of transductants)	CTCGACTTTTGCACTGACTG	This study

[a]R.E. Feissner, C.L. Richard-Fogal, E.R. Frawley, J.A. Loughman, K.W. Earley, R.G. Kranz, Recombinant cytochromes *c* biogenesis systems I and II and analysis of haem delivery pathways in *Escherichia coli*, Mol Microbiol, 60 (2006) 563-577.

[b]K.A. Datsenko, B.L. Wanner, One-step inactivation of chromosomal genes in *Escherichia coli* K-12 using PCR products, Proc Natl Acad Sci U S A, 97 (2000) 6640-6645.



Supplemental Figure 1. Human cytochrome *c* (CycS) is matured in the *Escherichia coli* periplasm. Heme stain of SDS-PAGE of *E. coli* cellular fractions expressing pSys I (pRGK333) and pBADCycS:6xHis (pRGK390) where S=soluble (lane 2), P=periplasm (lane 3), and M=membrane (lane 4). Protein fractionation is detailed in Materials and Methods. Molecular weight standard proteins are shown in lanes 1 and 5. HoloCycS is indicated by an arrow.