



Protein Folding in Archaea

By Angela Hirtreiter

VDM Verlag. Paperback. Book Condition: New. Paperback. 210 pages. Dimensions: 8.7in. x 5.9in. x 0.5in. The correct three-dimensional structure of a protein is essential for its biological function. In vivo protein folding relies on assistance of so-called chaperones to guarantee a rapid and reliable adoption of the native state. The barrel shaped chaperonins are a particular class of chaperones, they are absolutely essential and present in virtually every living cell. Chaperonins are divided into two distinct groups: the group I chaperonins in Bacteria (i. e. GroEL in E. coli) and group II chaperonins in Archaea and Eukaryotes. This study provides the first complete substrate spectrum of a group II chaperonin, the thermosome of the mesophilic archaeon *Methanosarcina mazei*. In addition, the unique coexistence of both chaperonin groups in *M. mazei* allowed direct comparison of the substrate spectra of a bacterial and a eukaryo-typic folding machine. Substrate selection clearly differs among both chaperonin groups and is driven by a combination of physical properties, structural features and less defined characteristics such as the evolutionary status and the phylogenetic origin of the substrate protein. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Paperback.

DOWNLOAD



READ ONLINE

[883.78 KB]

Reviews

It is one of my favorite books. Sure, it is actually engaging, nonetheless an interesting and amazing literature. I am happy to let you know that this is basically the finest book I have ever studied inside my very own existence and might be the finest publication for ever.

-- **Randal Reinger**

A must-buy book if you need to add benefit. It is really simplified but shocks in the 50 percent of the PDF. I found out this PDF from my dad and he recommended this publication to learn.

-- **Zetta Armstrong III**

Relevant Books



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you can. Digitally preserved and previously accessible...



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English Brand New Book ***** Print on Demand *****.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you can. Digitally preserved and previously accessible only...



Slave Girl - Return to Hell, Ordinary British Girls are Being Sold into Sex Slavery; I Escaped, But Now I'm Going Back to Help Free Them. This is My True Story.

John Blake Publishing Ltd, 2013. Paperback. Book Condition: New. Brand new book. DAILY dispatch from our warehouse in Sussex, all international orders sent Airmail. We're happy to offer significant POSTAGE DISCOUNTS for MULTIPLE ITEM orders.



What is in My Net? (Pink B) NF

Pearson Education Limited. Book Condition: New. This title is part of Pearson's Bug Club - the first whole-school reading programme that joins books and an online reading world to teach today's children to read. In this book, Zac and Daisy are fishing....



The Bells, Op. 35: Vocal Score

Petrucci Library Press, United States, 2013. Paperback. Book Condition: New. 276 x 214 mm. Language: Russian . Brand New Book ***** Print on Demand *****.Composed in 1913 to Konstantin Balmont s free adaptation in Russian of poetry by Edgar Allan Poe, The...



Kolokola, Op. 35: Vocal Score

Petrucci Library Press, United States, 2013. Paperback. Book Condition: New. 279 x 216 mm. Language: Russian . Brand New Book ***** Print on Demand *****.Composed in 1913 to Konstantin Balmont s free adaptation in Russian of poetry by Edgar Allan Poe, Kolokola...