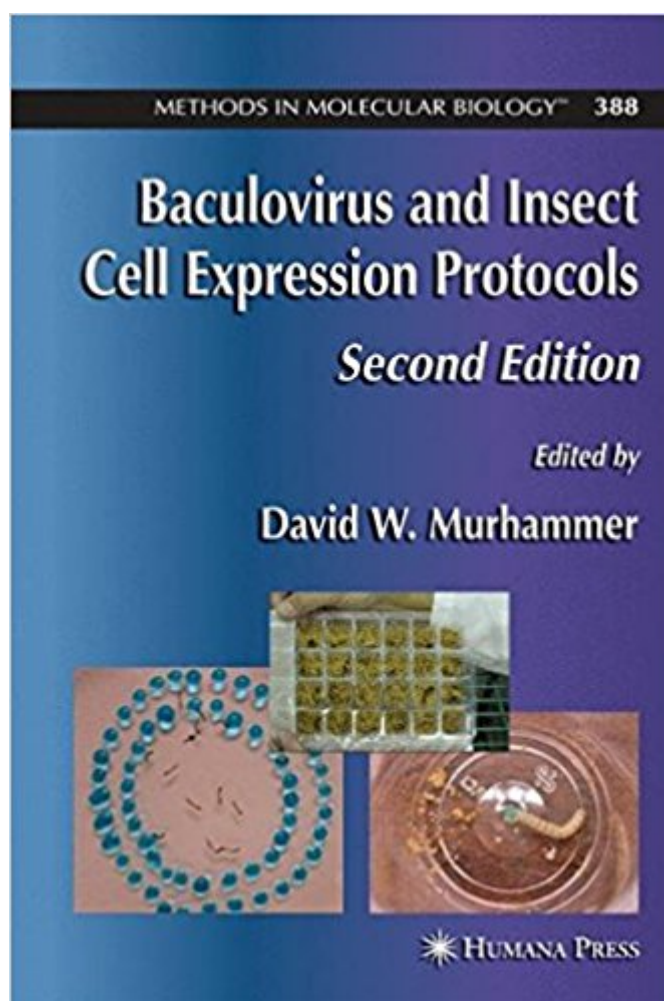


The book was found

Baculovirus And Insect Cell Expression Protocols (Methods In Molecular Biology)



Synopsis

Baculovirus Expression Protocols, Second Edition, provides the detailed steps required to perform the techniques involved with the use of baculoviruses and insect cell culture and discusses problems that may be encountered. This newly-revised and updated edition provides a cutting edge step-by-step guide for biochemists, molecular biologists, biochemical engineers and others using the BEVS and/or insect cells for producing recombinant proteins. Furthermore, Baculovirus Expression Protocols, Second Edition, provides assistance to scientists and engineers interested in developing and producing baculovirus insecticides. Authors list all available insect cell lines and provide methods for isolating new cell lines. The procedures involved in producing products, both at laboratory scale and large scale, are discussed, as well as the production in insect larvae. It is hoped that this volume will not only aid the user in successfully completing the tasks described herein, but will also stimulate the development of improved techniques and new applications of baculoviruses and insect cell culture. Timely and thorough, this volume will become an essential reference for anyone using baculoviruses and insect cell culture.

Book Information

Series: Methods in Molecular Biology (Book 388)

Hardcover: 470 pages

Publisher: Humana Press; 2nd edition (July 6, 2007)

Language: English

ISBN-10: 1588295370

ISBN-13: 978-1588295378

Product Dimensions: 6.4 x 1.2 x 9 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #3,857,317 in Books (See Top 100 in Books) #10 in Books > Medical Books > Veterinary Medicine > Virology #1568 in Books > Medical Books > Basic Sciences > Cell Biology #2328 in Books > Science & Math > Experiments, Instruments & Measurement > Methodology & Statistics

Customer Reviews

The third edition of this volume expands upon the previous two editions with new and up-to-date methods and protocols. Chapters include step-by-step procedures involved in quantifying cell growth, baculovirus infection and cell metabolism, methods to isolate new cell lines

and develop your own serum-free medium, and routine maintenance and storage of insect cell lines and baculoviruses, small- and large-scale recombinant protein production with the BEVS in both insect and mammalian cell culture and in insect larvae, production and characterization of baculoviruses, green fluorescent protein, tubular reactors and RNAi, and baculovirus/insect cell system to study apoptosis and generating envelop-modified baculovirus for gene delivery into mammalian cells. Written in the highly successful *Methods in Molecular Biology* series format, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and key tips on troubleshooting and avoiding known pitfalls. Authoritative and practical, *Baculovirus and Insect Cell Expression Protocols, Third Edition* aims to not only aid the user in successfully completing the tasks described, but also stimulate the development of improved techniques and new applications of baculoviruses and insect cell culture. --This text refers to the Paperback edition.

[Download to continue reading...](#)

Baculovirus and Insect Cell Expression Protocols (*Methods in Molecular Biology*) Bacteriophages: Methods and Protocols, Volume 2: Molecular and Applied Aspects (*Methods in Molecular Biology*) Hemoglobin Disorders: Molecular Methods and Protocols (*Methods in Molecular Medicine*, Vol. 82) Candida Albicans: Methods and Protocols (*Methods in Molecular Biology*) Candida Species: Methods and Protocols (*Methods in Molecular Biology*) Legionella: Methods and Protocols (*Methods in Molecular Biology*) Patch-Clamp Methods and Protocols (*Methods in Molecular Biology*) Liposome Methods and Protocols (*Methods in Molecular Biology*) Vaccine Technologies for Veterinary Viral Diseases: Methods and Protocols (*Methods in Molecular Biology*) Mouse Models of Allergic Disease: Methods and Protocols (*Methods in Molecular Biology*) Molecular Biology (WCB Cell & Molecular Biology) Introduction to Cell and Tissue Culture: Theory and Technique (Introductory Cell and Molecular Biology Techniques) Cystic Fibrosis: Diagnosis and Protocols, Volume I: Approaches to Study and Correct CFTR Defects (*Methods in Molecular Biology*) Cystic Fibrosis Methods and Protocols (*Methods in Molecular Medicine*) Drug-DNA Interaction Protocols (*Methods in Molecular Biology*) Mycoplasma Protocols (*Methods in Molecular Biology*) Chromatin Protocols (*Methods in Molecular Biology*) Current Topics in Computational Molecular Biology (Computational Molecular Biology) Drugs of Abuse: Neurological Reviews and Protocols (*Methods in Molecular Medicine*) Mycobacterium Tuberculosis Protocols (*Methods in Molecular Medicine*)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)