Resource Summary Report

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Wistar Protein Expression Facility

RRID:SCR_010210
Type: Tool

Proper Citation

Wistar Protein Expression Facility (RRID:SCR_010210)

Resource Information

URL: http://eagle-i.itmat.upenn.edu/i/0000013f-8bde-1d59-a468-831a80000000

Proper Citation: Wistar Protein Expression Facility (RRID:SCR_010210)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on May 22,2024.Core facility that provides the following services: Recombinant plasmid DNA engineering, Recombinant protein production via Baculovirus expression systems (BVES), Recombinant protein production in prokaryotic systems, Recombinant protein purification, Retrovirus production service. The Protein Expression Facility is a shared resource laboratory that provides Wistar Cancer Center Members and non-Wistar scientists technical assistance with viral vector preparation and the expression and purification of recombinant proteins. The Facility has greater than 20 years of experience in recombinant protein expression with special expertise in the use of baculovirus expression systems (BVES). The Facility offers the following services: 1. Recombinant plasmid DNA engineering 2. Viral vector production (i.e. baculovirus and retrovirus) 3. Analytical and preparative scale expression of nascent or epitope-tagged recombinant proteins 4. Protein purification These goals are accomplished by a centralized laboratory with dedicated, experienced staff, which enables high-throughput, economy of scale, virus preparation and protein expression services, including quality assurance and control procedures to ensure efficient, consistent production and purification of recombinant proteins and viral vectors. Many recombinant proteins produced by the facility have been used for crystallization efforts, analytical biochemistry studies designed to investigate enzymatic properties, structure-function relationships between protein-protein, protein-nucleic-acid, and protein-small molecule interactions, custom antibody production, experimental cancer vaccines, and development of miniaturized assays for small molecule screening. *The facility is supported in part by an NCI Cancer Center Support Grant and a grant from the NIH National Institute of Aging (PO1 AG031862).*

Resource Type: access service resource, core facility, service resource

Keywords: plasmid construction, recombinant protein production, protein purification, retrovirus production

Related Condition: Aging

Funding:

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Wistar Protein Expression Facility

Resource ID: SCR_010210

Alternate IDs: nlx_156688

Record Creation Time: 20220129T080257+0000

Record Last Update: 20250412T055455+0000

Ratings and Alerts

No rating or validation information has been found for Wistar Protein Expression Facility.

No alerts have been found for Wistar Protein Expression Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.