Resource Summary Report

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Max Planck Institute of Biochemistry Protein Production Core Facility

RRID:SCR 025741

Type: Tool

Proper Citation

Max Planck Institute of Biochemistry Protein Production Core Facility (RRID:SCR_025741)

Resource Information

URL: https://www.biochem.mpg.de/protein_production

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Description: Facility for protein production. Provides services for protein expression and purification, assists with projects in designing strategies for high level expression of soluble proteins, provides vectors and strains. Offers clonning the gene of interest into expression vectors, rapid screening for optimal combinations of vectors, strains and expression conditions and producing protein of interest in E. coli, Pichia pastoris, mammalian and insect cells. Produces biomass at 1L to 10L scale using multiple bioreactor system for high cell density fermentation of bacteria and yeast cells and reusable bioreactor for cell culture. Proteins are then purified using standard techniques and chromatography systems. Quality control is routinely assessing protein identity, purity, stability and folding using set of different biochemical and biophysical methods.

Abbreviations: MPIB-PPCF

Synonyms: Protein Production Facility, Max Planck Institute of Biochemistry Protein Production Facility

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

Keywords: protein production, protein expression, protein purification, expression vectors, E. coli, Pichia pastoris, mammalian cells, insect cells, bioreactor,

Funding:

Availability: Restricted

Resource Name: Max Planck Institute of Biochemistry Protein Production Core Facility

Resource ID: SCR_025741

Record Creation Time: 20240918T053245+0000

Record Last Update: 20250429T060431+0000

Ratings and Alerts

No rating or validation information has been found for Max Planck Institute of Biochemistry Protein Production Core Facility.

No alerts have been found for Max Planck Institute of Biochemistry Protein Production Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.