Resource Summary Report

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Max Planck Institute of Biochemistry Protein Production and Structural Validation Core Facility

RRID:SCR_025741
Type: Tool

Proper Citation

Max Planck Institute of Biochemistry Protein Production and Structural Validation 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: Max Planck Institute of Biochemistry Protein Production and Structural Validation Facility, Protein Production Facility, Max Planck Institute of Biochemistry Protein Production Facility, Protein Production and Structural Validation 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,

Availability: Restricted

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

Resource ID: SCR_025741

Alternate IDs: ABRF_5776

Alternate URLs: https://coremarketplace.org/RRID:SCR_025741/?citation=1

Record Creation Time: 20240918T053245+0000

Record Last Update: 20260912T200451+0000

Ratings and Alerts

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

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

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at SPARC SAWG .

Farnung J, et al. (2026) The E3 ubiquitin ligase mechanism specifying target-directed microRNA degradation. bioRxiv : the preprint server for biology.

Steinek C, et al. (2026) Dynamic Binder Exchange Improves Protein Labeling Efficiency in DNA-PAINT up to 15-Fold. Angewandte Chemie (International ed. in English), 65(11), e18685.

Farnung J, et al. (2026) The E3 ubiquitin ligase mechanism specifying targeted microRNA degradation. Nature, 652(8110), 784.

Guyot C, et al. (2026) IL4i1 activity generates oncometabolites that rescue neuroblastoma cells from oxidative death. Cell reports, 45(6), 117441.

Yuste-Checa P, et al. (2025) Structural analyses define the molecular basis of clusterin chaperone function. Nature structural & molecular biology.

Bauernfried S, et al. (2025) Inflammasome-independent IL-1?? activation via staphopain A protease of Staphylococcus aureus. The Journal of biological chemistry, 301(10), 110574.

Speidel JD, et al. (2025) Phosphorylation of SNX17 impedes activation of Retriever-mediated sorting. The Journal of biological chemistry, 301(6), 110222.

Rodschinka G, et al. (2025) Comparative CRISPRi screens reveal a human stem cell dependence on mRNA translation-coupled quality control. Nature structural & molecular biology, 32(10), 1932.