

Resource Summary Report

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Proteome Discoverer

RRID:SCR_014477

Type: Tool

Proper Citation

Proteome Discoverer (RRID:SCR_014477)

Resource Information

URL: <https://www.thermofisher.com/order/catalog/product/IQLAAEGABSFSAKJMAUH>

Proper Citation: Proteome Discoverer (RRID:SCR_014477)

Description: Software for identifying, characterizing, and quantifying proteins in biological samples. Can be used for range of proteomics workflows such as protein and peptide identification, PTM analysis, and isobaric mass tagging for quantification. Supports multiple database search algorithms and multiple dissociation techniques., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Resource Type: data processing software, software application, data analysis software, software resource, workflow software

Keywords: data analysis, workflow software, proteomics, database search, FASEB list

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Proteome Discoverer

Resource ID: SCR_014477

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Record Creation Time: 20220129T080320+0000

Record Last Update: 20260806T054607+0000

Ratings and Alerts

No rating or validation information has been found for Proteome Discoverer.

No alerts have been found for Proteome Discoverer.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1478 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Nayak S, et al. (2026) Discovery of BMS-986365, a First-in-Class Dual Androgen Receptor Ligand-Directed Degradator and Antagonist, for the Treatment of Advanced Prostate Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(1), 224.

Parnandi VA, et al. (2026) A small *Candida glabrata* protein promotes hyphal growth in *C. albicans* during mixed-species invasive candidiasis. *Current biology : CB*, 36(1), 1.

Wang H, et al. (2025) Targeting EGFR-binding protein SLC7A11 enhancing antitumor immunity of T cells via inducing MHC-I antigen presentation in nasopharyngeal carcinoma. *Cell death & disease*, 16(1), 21.

Fujii D, et al. (2025) Aged garlic extract enhances the production of α -defensin 4 via activation of the Wnt/ β -catenin pathway in mouse gingiva. *Experimental and therapeutic medicine*, 29(2), 41.

Geng J, et al. (2025) Moderate-intensity interval exercise exacerbates cardiac lipotoxicity in high-fat, high-calories diet-fed mice. *Nature communications*, 16(1), 613.

Inoue S, et al. (2025) A new target of multiple lysine methylation in bacteria. *Journal of bacteriology*, 207(1), e0032524.

Huang CY, et al. (2025) *Trichomonas vaginalis* extracellular vesicles activate the NLRP3 inflammasome and TLR3-mediated inflammatory cascades in host cells. *PLoS pathogens*, 21(6), e1013216.

Zheng H, et al. (2025) CTD1 and RPB7 stabilize Pol II and permit reinitiation. *Nature communications*, 16(1), 2161.

Kim MJ, et al. (2025) *Clonorchis sinensis* excretory/secretory proteins ameliorate inflammation in rheumatoid arthritis and ankylosing spondylitis. *Parasites & vectors*, 18(1), 85.

Ghose R, et al. (2025) Mitochondria-derived nuclear ATP surge protects against confinement-induced proliferation defects. *Nature communications*, 16(1), 6613.

Beauchemin H, et al. (2025) Inhibiting the RNA helicase DDX3X in Burkitt lymphoma induces oxidative stress and impedes tumor progression in xenografts. *Frontiers in cell and developmental biology*, 13, 1642006.

Mohan HM, et al. (2025) Endogenous retrovirus-like proteins recruit UBQLN2 to stress granules and shape their functional biology. *Science advances*, 11(29), eadu6354.

Lee Y, et al. (2025) MFGE-8, a Corona Protein on Extracellular Vesicles, Mediates Self-Renewal and Survival of Human Pluripotent Stem Cells. *Journal of extracellular vesicles*, 14(4), e70056.

Song J, et al. (2025) Norovirus co-opts NINJ1 for selective protein secretion. *Science advances*, 11(9), eadu7985.

Kim J, et al. (2025) Functional maturation of preterm intestinal epithelium through CFTR activation. *Communications biology*, 8(1), 540.

Bartha Á, et al. (2025) Melanoma Proteomics Unveiled: Harmonizing Diverse Data Sets for Biomarker Discovery and Clinical Insights via MEL-PLOT. *Journal of proteome research*, 24(6), 3117.

Sirazum M, et al. (2025) Protein corona composition modulates uptake of polymeric micelles by colorectal cancer cells. *Nanoscale advances*, 7(16), 4929.

Landeras-Bueno S, et al. (2025) Structural stabilization of the intrinsically disordered SARS-CoV-2 N by binding to RNA sequences engineered from the viral genome fragment. *Nature communications*, 16(1), 6521.

Yamaguchi Y, et al. (2025) Unfolding of viral protein 1 N-termini facilitates genome ejection from recombinant adeno-associated virus serotype 8. *Molecular therapy. Methods & clinical development*, 33(2), 101480.

Huang TJ, et al. (2025) Dietary advanced glycation end-products exacerbate sarcopenia onset by activating apoptosis through PRMT1-mediated CRTC3 arginine methylation. *Cellular and molecular life sciences : CMLS*, 82(1), 142.