

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

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: 20260731T042918+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 [PRECISE-TBI](#) .

Nayak S, et al. (2026) Discovery of BMS-986365, a First-in-Class Dual Androgen Receptor Ligand-Directed Degradar 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.

Arseni L, et al. (2025) Longitudinal omics data and preclinical treatment suggest the proteasome inhibitor carfilzomib as therapy for ibrutinib-resistant CLL. Nature communications, 16(1), 1041.

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

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 ??defensin 4 via activation of the Wnt/??catenin pathway in mouse gingiva. Experimental and therapeutic medicine, 29(2), 41.

Fonseca R, et al. (2025) Exploring BCL2 regulation and upstream signaling transduction in venetoclax resistance in multiple myeloma: potential avenues for therapeutic intervention. Blood cancer journal, 15(1), 10.

Bowman M, et al. (2025) Paracrine Influence of Masquelet's Induced Membrane on Marrow Derived Mesenchymal Stem Cells. Journal of orthopaedic research : official publication of the Orthopaedic Research Society, 43(5), 922.

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.

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.

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

Zheng H, et al. (2025) CTD_{P1} 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.

Tan T, et al. (2025) Revisiting phosphoregulation of Cdc25C during M-phase induction. *iScience*, 28(1), 111603.

Wei X, et al. (2025) Tumor cell-intrinsic circular RNA circFNDC3B attenuates CD8⁺ T cells infiltration in non-small cell lung cancer. *Communications biology*, 8(1), 711.

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.

De Francesco F, et al. (2025) Mechanism of action behind the pain-relief effects of extracellular vesicles in microfragmented adipose tissue: an in vitro and in vivo study. *Journal of translational medicine*, 23(1), 931.

Kang MG, et al. (2025) Intracrystal space proteome mapping using super-resolution proximity labeling with isotope-coded probes. *Nature communications*, 16(1), 7757.

Andrianova EP, et al. (2025) FliO is an evolutionarily conserved yet diversified core component of the bacterial flagellar type III secretion system. *Proceedings of the National Academy of Sciences of the United States of America*, 122(34), e2512476122.

Maio N, et al. (2025) Iron-sulfur clusters in SARS-CoV-2 exoribonuclease and methyltransferase complexes: relevance for viral genome proofreading and capping. *Nature communications*, 16(1), 7585.