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/IQLAAEGABSFAKJMAUH

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.

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

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

Funding:

Availability: Restricted

Resource Name: Proteome Discoverer

Resource ID: SCR_014477

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Record Creation Time: 20220129T080320+0000

Record Last Update: 20250412T055806+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 1279 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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

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.

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

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.

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.

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.

Millozzi F, et al. (2025) Aptamer-conjugated gold nanoparticles enable oligonucleotide delivery into muscle stem cells to promote regeneration of dystrophic muscles. Nature communications, 16(1), 577.

Martelli C, et al. (2025) Ex Vivo, In Vitro and In Vivo Bone Health Properties of Grana Padano Cheese. Foods (Basel, Switzerland), 14(2).

Yang K, et al. (2025) Downregulation of ECRG4 by DNMT1 promotes EC growth via IRF3/IFN-?/miR-29b/DNMT1/ECRG4 positive feedback loop. iScience, 28(1), 111614.

Yang J, et al. (2025) MARTRE family proteins negatively regulate CCR4-NOT activity to protect poly(A) tail length and promote translation of maternal mRNA. Nature

communications, 16(1), 248.

Raghavan R, et al. (2025) Rational engineering of minimally immunogenic nucleases for gene therapy. Nature communications, 16(1), 105.

Jian F, et al. (2025) Deacetylated SNAP47 recruits HOPS to facilitate autophagosome-lysosome fusion independent of STX17. Nature communications, 16(1), 543.

Christel S, et al. (2025) Catabolic pathway acquisition by rhizosphere bacteria readily enables growth with a root exudate component but does not affect root colonization. mBio, 16(1), e0301624.

Lavergne M, et al. (2025) Executioner caspases degrade essential mediators of pathogen-host interactions to inhibit growth of intracellular Listeria monocytogenes. Cell death & disease, 16(1), 55.

Awan A, et al. (2025) Source of dietary protein alters the abundance of proteases, intestinal epithelial and immune proteins both directly and via interactions with the gut microbiota. bioRxiv : the preprint server for biology.

Wang Y, et al. (2025) Development of nucleus-targeted histone-tail-based photoaffinity probes to profile the epigenetic interactome in native cells. Nature communications, 16(1), 415.

García-García JC, et al. (2025) Comparative Proteomics of Two Flor Yeasts in Sparkling Wine Fermentation: First Approach. Foods (Basel, Switzerland), 14(2).

Wei H, et al. (2025) Investigating the Therapeutic Mechanisms of Total Saikosaponins in Alzheimer's Disease: A Metabolomic and Proteomic Approach. Pharmaceuticals (Basel, Switzerland), 18(1).

Schirripa A, et al. (2025) Cdk6's functions are critically regulated by its unique C-terminus. iScience, 28(2), 111697.

Maluleke E, et al. (2025) Unravelling the transcriptomic dynamics of Hyphopichia pseudoburtonii in co-culture with Botrytis cinerea. PloS one, 20(1), e0316713.