

Resource Summary Report

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ProteinPilot Software

RRID:SCR_018681

Type: Tool

Proper Citation

ProteinPilot Software (RRID:SCR_018681)

Resource Information

URL: <https://sciex.com/products/software/proteinpilot-software>

Proper Citation: ProteinPilot Software (RRID:SCR_018681)

Description: Software tool for protein identification and relative protein expression analysis. Used in protein research to identify proteins and search large numbers of post translational modifications. Compatible with all proteomics MS/MS systems.

Synonyms: Protein Pilot, Protein Pilot Software

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

Keywords: Protein identification, protein expression, protein expression analysis, protein, post translational modification, proteomics, mass spectrometry system

Availability: Restricted

Resource Name: ProteinPilot Software

Resource ID: SCR_018681

Record Creation Time: 20220129T080341+0000

Record Last Update: 20260810T040716+0000

Ratings and Alerts

No rating or validation information has been found for ProteinPilot Software.

No alerts have been found for ProteinPilot Software.

Data and Source Information

Usage and Citation Metrics

We found 1489 mentions in open access literature.

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

Li J, et al. (2026) Untargeted metabolomics and proteomics reveals cocoa-mediated mitigation of valproic acid-induced dysregulation in a zebrafish model of autism: pilot study. *Metabolomics : Official journal of the Metabolomic Society*, 22(4).

Krawczyk B, et al. (2025) Iron uptake by *Escherichia coli* in urinary tract infections and urosepsis. *PLoS one*, 20(6), e0326251.

Wang Y, et al. (2025) Transcriptomic and proteomic analysis reveals the mechanism of chicken cecum response to *Salmonella enterica* serovar Enteritidis inoculation. *iScience*, 28(1), 111571.

Carmona A, et al. (2024) Metal dyshomeostasis in the substantia nigra of patients with Parkinson's disease or multiple sclerosis. *Journal of neurochemistry*, 168(2), 128.

Goudarzi MH, et al. (2024) Phylogeny, envenomation syndrome, and membrane permeabilising venom produced by Australia's electric caterpillar *Comana monomorpha*. *Scientific reports*, 14(1), 14172.

Duthoo E, et al. (2024) Diversity and evolution of tyrosinase enzymes involved in the adhesive systems of mussels and tubeworms. *iScience*, 27(12), 111443.

Qiu C, et al. (2024) Stub1 promotes degradation of the activated Diaph3: A negative feedback regulatory mechanism of the actin nucleator. *The Journal of biological chemistry*, 300(10), 107813.

Shoji M, et al. (2024) Bakuchiol targets mitochondrial proteins, prohibitins and voltage-dependent anion channels: New insights into developing antiviral agents. *The Journal of biological chemistry*, 300(2), 105632.

Purushothaman K, et al. (2024) Protocol for feeding strategy and proteomics analysis of zebrafish *Danio rerio* using S-trap and iTRAQ techniques. *STAR protocols*, 5(4), 103513.

Kuznetsov VG, et al. (2024) Proteotranscriptomic Profiling of the Toxic Mucus of *Kulikovia alborostrata* (Pilidiophora, Nemertea). *Toxins*, 17(1).

Pei J, et al. (2024) Senp7 deficiency impairs lipid droplets maturation in white adipose tissues via Plin4 deSUMOylation. *The Journal of biological chemistry*, 300(6), 107319.

Suzuki M, et al. (2023) A *Drosophila* model of diabetic neuropathy reveals a role of proteasome activity in the glia. *iScience*, 26(6), 106997.

Zhao K, et al. (2023) Functional hierarchy among different Rab27 effectors involved in secretory granule exocytosis. *eLife*, 12.

Ezzeldin S, et al. (2023) Detection of early prognostic biomarkers for metastasis of Ewing's sarcoma in pediatric patients. *Life sciences*, 334, 122237.

Paget BW, et al. (2023) Quantitative comparison of manuka and clover honey proteomes with royal jelly. *PloS one*, 18(2), e0272898.

Alghanem B, et al. (2023) Quantitative proteomics analysis of COVID-19 patients: Fetuin-A and tetranectin as potential modulators of innate immune responses. *Heliyon*, 9(4), e15224.

Dashevsky D, et al. (2023) Functional and Proteomic Insights into Aculeata Venoms. *Toxins*, 15(3).

Licaj I, et al. (2023) Comparative Analysis of the Response to Polyethylene Glycol-Simulated Drought Stress in Roots from Seedlings of "Modern" and "Ancient" Wheat Varieties. *Plants (Basel, Switzerland)*, 12(3).

López-López A, et al. (2023) TtCel7A: A Native Thermophilic Bifunctional Cellulose/Xylanase Exoglucanase from the Thermophilic Biomass-Degrading Fungus *Thielavia terrestris* Co3Bag1, and Its Application in Enzymatic Hydrolysis of Agroindustrial Derivatives. *Journal of fungi (Basel, Switzerland)*, 9(2).

Gao Y, et al. (2023) Multi-omics analysis of human mesenchymal stem cells shows cell aging that alters immunomodulatory activity through the downregulation of PD-L1. *Nature communications*, 14(1), 4373.