Resource Summary Report

Generated by ASWG on Aug 2, 2026

ProteinPilot

RRID:SCR_024414
Type: Tool

Proper Citation

ProteinPilot (RRID:SCR_024414)

Resource Information

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

Proper Citation: ProteinPilot (RRID:SCR_024414)

Description: Software tool for protein identification and protein expression analysis. Used to identify proteins and search large numbers of post translational modifications, without increasing search time or false positives. Compatible with all proteomics MS/MS systems.

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

Keywords: protein identification, protein expression analysis, post translational modification search,

Availability: Restricted

Resource Name: ProteinPilot

Resource ID: SCR_024414

Alternate URLs: https://sciex.com/content/dam/SCIEX/pdf/posters/ProteinPilot-Software-Overview.pdf

Record Creation Time: 20230913T050234+0000

Record Last Update: 20260803T040914+0000

Ratings and Alerts

No rating or validation information has been found for ProteinPilot.

No alerts have been found for ProteinPilot.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 228 mentions in open access literature.

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

Monzen S, et al. (2025) Secretion of specific metabolites and changes in miRNA expression in murine osteoblastic cells exposed in vitro to ??radiation. International journal of molecular medicine, 56(4).

Romero-Losada AB, et al. (2025) Multiomics integration unveils photoperiodic plasticity in the molecular rhythms of marine phytoplankton. The Plant cell, 37(2).

O'Dwyer MR, et al. (2025) Nucleosome fibre topology guides transcription factor binding to enhancers. Nature, 638(8049), 251.

Blanco-Pintos T, et al. (2025) Diagnostic Accuracy of Novel Protein Biomarkers in Saliva to Detect Periodontitis Using Untargeted 'SWATH' Mass Spectrometry. Journal of clinical periodontology, 52(2), 199.

Freitas-Ribeiro S, et al. (2025) Cryogenic, but not hypothermic, preservation disrupts the extracellular matrix of cell sheets. Bioactive materials, 46, 301.

Wu J, et al. (2025) Proteomic landscape of colorectal cancer liver metastasis. Translational oncology, 62, 102558.

Wang K, et al. (2025) Unveiling low-abundance ACE inhibitory peptides in not-from-concentrate orange juice processed by high-pressure processing and pasteurization. NPJ science of food, 9(1), 209.

Abrol R, et al. (2025) Histone deacetylase 7 mediates lipopolysaccharide-inducible mitochondrial fission in macrophages. Journal of cell science, 138(19).

Dawson AL, et al. (2025) Where Have You Been? Backtracking Microplastic to Its Source Using the Biomolecular Composition of the Ecocorona. Environmental science & technology, 59(41), 22227.

Benito-Casado C, et al. (2025) White adipose tissue undergoes pathological dysfunction in the TDP-43A315T mouse model of amyotrophic lateral sclerosis (ALS). Acta neuropathologica communications, 13(1), 213.

Ito S, et al. (2025) Effects of SLC6A8 mutation-induced creatine deficiency on cellular function in fibroblasts. Scientific reports, 15(1), 26738.

Muñoz-Blat I, et al. (2025) Multi-omics-based mapping of decidualization resistance in patients with a history of severe preeclampsia. Nature medicine, 31(2), 502.

Wu X, et al. (2025) UBE2Q2 promotes tumor progression and glycolysis of hepatocellular carcinoma through NF-?B/HIF1? signal pathway. Cellular oncology (Dordrecht,

Netherlands), 48(3), 637.

Adim H, et al. (2025) iTRAQ-based quantitative proteomic analysis of herbicide stress in Avena ludoviciana Durieu. Scientific reports, 15(1), 577.

Loh JY, et al. (2025) Multi-omics reveals FAT10 as an immunometabolic survival factor rewiring global metabolism in cancer. Cell communication and signaling : CCS, 23(1), 532.

Lu J, et al. (2025) Pgk1 activation restores endothelial metabolic homeostasis to alleviate vascular aging and atherosclerosis. Cardiovascular diabetology, 24(1), 427.

Takeuchi S, et al. (2025) Novel anti-ITGA4 monoclonal antibody induces cell death via large pore formation in NK/T-cell lymphoma cells. Scientific reports, 15(1), 45655.

Goik D, et al. (2025) Proteomic changes induced by acute exercise and high-intensity interval training during pregnancy: a pilot randomised controlled trial. Scientific reports, 15(1), 39317.

Koh JMS, et al. (2025) The effect of storage time and temperature on the proteomic analysis of FFPE tissue sections. Clinical proteomics, 22(1), 5.

Serrat J, et al. (2025) Binding and cleavage of pro-urokinase by a tegument extract of Fasciola hepatica newly excysted juveniles activate the host fibrinolytic system. Veterinary research, 56(1), 20.