Resource Summary Report

Generated by Kravitz on Sep 10, 2026

PRO

RRID:SCR_002902
Type: Tool

Proper Citation

PRO (RRID:SCR_002902)

Resource Information

URL: http://pir.georgetown.edu/pro/

Proper Citation: PRO (RRID:SCR_002902)

Description: An ontological representation of protein-related entities, explicitly defining them and showing the relationships between them. Each PRO term represents a distinct class of entities (including specific modified forms, orthologous isoforms, and protein complexes) ranging from the taxon-neutral to the taxon-specific. PRO encompasses three sub-ontologies: proteins based on evolutionary relatedness (ProEvo); protein forms produced from a given gene locus (ProForm); and protein-containing complexes (ProComp).

Synonyms: Protein Ontology

Resource Type: controlled vocabulary, data or information resource, ontology

Defining Citation: PMID:21929785

Keywords: protein

Funding: NIGMS 5R01GM080646-09

Resource Name: PRO

Resource ID: SCR_002902

Alternate IDs: OMICS_06200

Record Creation Time: 20220129T080216+0000

Record Last Update: 20260905T132455+0000

Ratings and Alerts

No rating or validation information has been found for PRO.

No alerts have been found for PRO.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

McKeever S, et al. (2015) The role of markup for enabling interoperability in health informatics. Frontiers in physiology, 6, 152.

Guan W, et al. (2015) Proteomic analysis shows that stress response proteins are significantly up-regulated in resistant diploid wheat (Triticum monococcum) in response to attack by the grain aphid (Sitobion avenae). Molecular breeding : new strategies in plant improvement, 35(2), 57.

Galperin MY, et al. (2011) The 2011 Nucleic Acids Research Database Issue and the online Molecular Biology Database Collection. Nucleic acids research, 39(Database issue), D1.

Natale DA, et al. (2011) The Protein Ontology: a structured representation of protein forms and complexes. Nucleic acids research, 39(Database issue), D539.