

Resource Summary Report

Generated by T1D on Aug 1, 2026

UniProt

RRID:SCR_002380

Type: Tool

Proper Citation

UniProt (RRID:SCR_002380)

Resource Information

URL: <http://www.uniprot.org/>

Proper Citation: UniProt (RRID:SCR_002380)

Description: Collection of data of protein sequence and functional information. Resource for protein sequence and annotation data. Consortium for preservation of the UniProt databases: UniProt Knowledgebase (UniProtKB), UniProt Reference Clusters (UniRef), and UniProt Archive (UniParc), UniProt Proteomes. Collaboration between European Bioinformatics Institute (EMBL-EBI), SIB Swiss Institute of Bioinformatics and Protein Information Resource. Swiss-Prot is a curated subset of UniProtKB.

Abbreviations: UniProt

Synonyms: , The Universal Protein Resource, Universal Protein Resource, UNIPROT Universal Protein Resource

Resource Type: data or information resource, database

Defining Citation: [PMID:19843607](#), [PMID:18836194](#), [PMID:18045787](#), [PMID:17142230](#), [PMID:16381842](#), [PMID:15608167](#), [PMID:14681372](#)

Keywords: collection, protein, sequence, annotation, data, functional, information

Funding: NHGRI U41 HG006104;
NHGRI P41 HG02273;
NIGMS 5R01GM080646;
NIGMS R01 GM080646;
NLM G08 LM010720;
NCRR P20 RR016472;
NSF DBI-0850319;
British Heart Foundation ;
NEI ;
NHLBI ;

NIA ;
NIAID ;
NIDDK ;
NIMH ;
NCI ;
EMBL ;
PDUK ;
ARUK ;
NHGRI U24 HG007722

Resource Name: UniProt

Resource ID: SCR_002380

Alternate IDs: nif-0000-00377, SCR_018750, r3d100010357

Alternate URLs: <http://www.ebi.uniprot.org>, <http://www.uniprot.org/uniprot/>,
<http://www.pir.uniprot.org>, <ftp://ftp.uniprot.org>, <https://doi.org/10.17616/R3BW2M>

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Record Creation Time: 20220129T080213+0000

Record Last Update: 20260729T044024+0000

Ratings and Alerts

No rating or validation information has been found for UniProt.

No alerts have been found for UniProt.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 17565 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Martedì R, et al. (2026) De novo cysteine biosynthesis in *Pseudomonas aeruginosa*: Characterization of the two main cysteine synthase isoforms. *iScience*, 29(1), 114304.

Chen K, et al. (2026) Liquid-liquid phase separation of PHLDB2 promotes oral squamous cell carcinoma metastasis through regulating epithelial mesenchymal transition and PIK3CA expression. *Molecular medicine reports*, 33(1).

Fischer MC, et al. (2026) Splicing and frameshift variants in QSER1 may be involved in developmental phenotypes. *HGG advances*, 7(1), 100539.

Zhao M, et al. (2026) The Roles of TOPK in Tumorigenesis and Development: Structure, Mechanisms, Pathways, and Therapeutic Implications. *International journal of biological sciences*, 22(1), 327.

Verma HK, et al. (2026) Cystatin C prevents tissue injury after lung transplantation. *Life science alliance*, 9(2).

Huang L, et al. (2026) New insight into the epidemiological trends of respiratory syncytial virus infection and the underlying anti-respiratory syncytial virus mechanisms of andrographolide: integrating Global Burden of Disease database, network pharmacological analysis, and in vitro experiments. *Microbiology spectrum*, 14(1), e0234125.

Lund VK, et al. (2026) A Syd and RUFY dynein adaptor complex mediates axonal circulation of dense core vesicles. *The Journal of cell biology*, 225(3).

Li L, et al. (2026) Hyperoside prevents osteoporosis by activating the PI3K/AKT signaling pathway to inhibit oxidative stress and promote osteogenesis. *Molecular medicine reports*, 33(2).

Luciani M, et al. (2026) Muscle proteomics reveals biomarkers of stress and meat quality in organic versus conventional broiler chickens. *Poultry science*, 105(1), 106164.

Semenova M, et al. (2026) The Impact of Genome-wide Histocompatibility on Liver Transplantation Outcomes. *Transplantation*, 110(1), e175.

Sun T, et al. (2026) Conserved spatial patterning of gene expression in independent lineages of C4 plants. *The New phytologist*, 249(1), 24.

Fan S, et al. (2026) Not Aging but Calorie Restriction Strongly Affects Protein Oxidation in Heart and Brain Mitochondria. *Aging cell*, 25(1), e70339.

Zhang L, et al. (2026) Mechanisms by which sevoflurane affects cognitive function in aged marmosets and mice: up-regulation of FKBP5 expression in brain microglia. *Medical gas research*, 16(1), 19.

Cai Z, et al. (2026) The Cullin3-Ring E3 ubiquitin ligase complex and USP14 regulate spastin-mediated microtubule severing and promotion of neurite outgrowth. *Neural regeneration research*, 21(4), 1641.

Khan A, et al. (2026) HMPV-TherResDB: Comprehensive human metapneumovirus (HMPV) database for sequence-structure annotations, vaccine resources, and therapeutics research. *Virus research*, 363, 199665.

Cheng M, et al. (2026) Targeting p38 MAPK signaling pathway: Quercetin as a novel therapy for TMJ synovitis. *International journal of molecular medicine*, 57(1).

Zhang B, et al. (2026) Human papillomavirus E7 inhibits immune responses in keratinocytes by activating HTRA1-mediated mitophagy. *International journal of molecular medicine*, 57(1).

Ncir WB, et al. (2026) First LDLRAP1 and Recurrent LDLR Mutations in Tunisian Families With Familial Hypercholesterolemia. *Journal of cellular and molecular medicine*, 30(1), e70997.

Ma X, et al. (2026) ARL5B Drives Esophageal Squamous Cell Carcinoma Progression via ROCK1-SREBP1-Mediated Lipid Metabolic Reprogramming. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(1), e12895.

Liu L, et al. (2026) Serine/threonine kinase 32 family proteins: The potential multifaceted regulators in cancer. *Translational oncology*, 63, 102608.