UniProtKB

RRID:SCR_004426
Type: Tool

Proper Citation

UniProtKB (RRID:SCR_004426)

Resource Information

URL: [http://www.uniprot.org/help/uniprotkb](http://www.uniprot.org/help/uniprotkb)

Description: A central repository for the collection of functional information on proteins, with accurate and consistent annotation. In addition to capturing the core data mandatory for each UniProtKB entry (mainly, the amino acid sequence, protein name or description, taxonomic data and citation information), as much annotation information as possible is added. This includes widely accepted biological ontologies, classifications and cross-references, and experimental and computational data. The UniProt Knowledgebase consists of two sections, UniProtKB/Swiss-Prot and UniProtKB/TrEMBL. UniProtKB/Swiss-Prot (reviewed) is a high quality manually annotated and non-redundant protein sequence database which brings together experimental results, computed features, and scientific conclusions. UniProtKB/TrEMBL (unreviewed) contains protein sequences associated with computationally generated annotation and large-scale functional characterization that await full manual annotation. Users may browse by taxonomy, keyword, gene ontology, enzyme class or pathway.

Resource Name: UniProtKB

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Resource Type: Resource, data or information resource, database

Keywords: protein, annotation, amino acid sequence, taxonomy, proteome

Resource ID: SCR_004426

Parent Organization: Universal Protein Resource (UniProt)

Related resources: ESTHER, PIRSF, AmiGO, UniSave, ProRepeat, UniProt Chordata protein annotation program, neXtProt, TopFIND, UniPathway, NCBI Protein, Biomine, Gene
Ontology, Monarch Initiative, UniProt DAS, FunTree, ConceptWiki, InterProScan

**Availability:** Available to the research community, The community can contribute to this resource

**Website Status:** Last checked up

**Alternate IDs:** nlx_53981

**Mentions Count:** 2651

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**Ratings and Alerts**

No rating or validation information has been found for UniProtKB.

No alerts have been found for UniProtKB.

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**Data and Source Information**

**Source:** SciCrunch Registry

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**Usage and Citation Metrics**

We found 2651 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](https://dkNET).


