

Uniprot activity

GO to Uniprot <https://www.uniprot.org/>

Search for your protein

Choose only reviewed, human proteins

What does “reviewed” mean?

Download the list of proteins (Uniprot IDs). This time pay attention: Make sure you focus on your protein of interest.

For the top entry (your protein of interest),

- What is the UniProt ID?
- note active site, binding site or other functionally important residues
- Note natural variants (Feature viewer)
- Are these natural variants close to the active site in **sequence**?
- Find out more about your protein. What is its biological function? What does it do?
- GO terms give you information about molecular function, cellular component, biological process. You can read more about them here: <http://geneontology.org/>
- Report the GO terms for your protein.