

## Protein Structure Vital Statistics

The table lists proteins shown as Chime images on the Protein Structures pages.

The four-character Protein Data Bank ID is in the first column.

The relative molecular weight ( $M_r$ ) of the native protein is in column three; the number of subunits and number of amino acid residues corresponds to the native oligomeric structure.

| <b>PDB ID</b> | <b>Name</b>                       | <b><math>M_r</math> (native)</b> | <b>#Subunits</b> | <b>#Residues</b> |
|---------------|-----------------------------------|----------------------------------|------------------|------------------|
| 1hho          | Hemoglobin                        | 61,922                           | 4                | 574              |
| 1b90          | $\alpha$ -Lactalbumin             | 58,289                           | 1                | 516              |
| 1bl8          | K <sup>+</sup> -Channel           | 40,920                           | 4                | 388              |
| 1caa          | Rubredoxin                        | 5,878                            | 1                | 53               |
| 1eta          | Prealbumin                        | 13,876                           | 1                | 128              |
| 1ldm          | Lactate<br>Dehydrogenase          | 36,263                           | 4                | 329              |
| 1mbo          | Myoglobin                         | 17,184                           | 1                | 153              |
| 1pkn          | Pyruvate Kinase                   | 57,706                           | 1                | 530              |
| 1qov          | Photosynthetic<br>Reaction Center | 93,810                           | 3                | 848              |
| 1rop          | Rop Protein Dimer                 | 14,420                           | 2                | 126              |
| 1ypi          | Triose Phosphate<br>Isomerase     | 53,298                           | 2                | 494              |
| 2cna          | Concanavalin A                    | 25,557                           | 1                | 237              |
| 2mpr          | Maltoporin                        | 142,221                          | 3                | 1,263            |
| 2tma          | Tropomyosin                       | 65,332                           | 2                | 568              |
| 7ahl          | $\alpha$ -Hemolysin               | 232,638                          | 7                | 2,051            |
| Br (1brx)     | Bacteriorhodopsin                 | 26,600                           | 1                | 247              |
| Igg           | Immunoglobulin G                  | 140,000                          | 4                | 1,316            |

The following are fragments of much larger proteins:

|      |              |       |    |     |
|------|--------------|-------|----|-----|
| 1a89 | Collagen     | 6,456 | 3  | 63  |
| 2slk | Silk Protein | 5,760 | 15 | 120 |