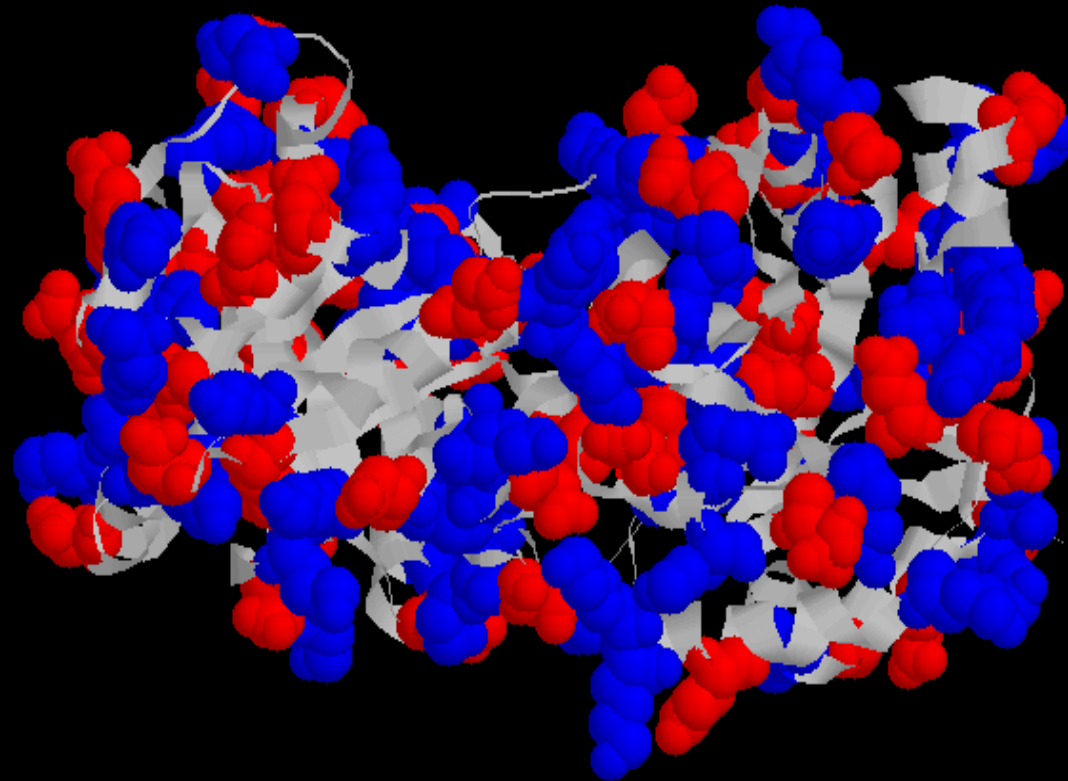


This is an example of a protein that contains secondary structure. The red color shows the beta-pleated sheets and the green color shows the  $\alpha$ -helices.



This is an example of a protein that contains acidic residues (shown in red) and basic residues (shown in blue) that are forming salt bridges in the protein



This is an example of a protein that contains cysteine (shown in yellow) and that are forming disulfide bridges in the protein



**This is an example of a protein that contains polar residues (shown in green) and non polar residues (shown in blue). The protein molecule has been cut in half so that you can see the interior of the protein consists of hydrophobic residues.**

