

Sample Story 1: Day in the Life of Pepsin

Hi, my name is Pip Pepsin the strongest protein around. I'm also an enzyme! I love to break down the proteins from food in my large house the stomach. They're my favorite. Actually, that is the only thing that I am able to breakdown. One day I got this really big protein that I thought would take all day to breakdown. Thankfully I was able to lower the activation energy enough to get the reaction going. I grabbed hold of that protein and wrestled it to the ground. I finally got that substrate into my active site to split it into two amino acids. I spit out the products and immediately started looking around for my next protein to breakdown. I never get tired of breaking those proteins. I could do this all day long, but it does get a little warm because of all the exothermic reactions.

Sample Story 2: Blood Town Robbers

One day in Blood Town, two robbers were sneaking around looking for their next bank to rob. The robbers were twins: Sam and Steve Nucleotide. They had heard that the enzyme sheriff DNA Polymerase was out to get them. He was the best protein cop in this town and his only job was to catch bank robbers. Sheriff DNA Polymerase knew that it was going to take some energy input to catch the robbers, so we went to work out at the Endothermic gym to get ready. The enzyme sheriff got the call and the chase was on. He ran after the two substrates and finally caught them in an ally. Thankfully he was able to lower his activation energy in order to get them. Sheriff DNA Polymerase used hand cuffs (active site) to bind the robbers together. Then, he placed them in the patrol car to be taken off to a jail cell (product). The sheriff was free to search for the next set of bank robbers (not used up) and keep the town safe forever.

(You could use the same scenario or story line and have the robbers be one thing and break them into two things at the end)