

Name: 50S ribosomal protein L22

Function: This protein binds specifically to 23S rRNA; its binding is stimulated by other ribosomal proteins, e.g. L4, L17, and L20. It is important during the early stages of 50S assembly. It makes multiple contacts with different domains of the 23S rRNA in the assembled 50S subunit and ribosome (By similarity).

Source:

Searching on uniprot with the accession number obtained by our blast we found some information, confirmed searching with our protein ID

Some extra information:

“The globular domain of the protein is located near the polypeptide exit tunnel on the outside of the subunit, while an extended beta-hairpin is found that lines the wall of the exit tunnel in the center of the 70S ribosome.”

Subunit structure:

Part of the 50S ribosomal subunit

We have also the information of the Subcellular location, large ribosomal subunit

Score of 2 out of 5 “-Protein inferred from homology”