

**Name:** 30S ribosomal protein S13

**Function:**

Located at the top of the head of the 30S subunit, it contacts several helices of the 16S rRNA. In the 70S ribosome it contacts the 23S rRNA (bridge B1a) and protein L5 of the 50S subunit (bridge B1b), connecting the 2 subunits; these bridges are implicated in subunit movement. Contacts the tRNAs in the A and P-sites.

**Source:**

We searched on NCBI with the accession number obtained and confirmed on Uniprot our Blast results:

GO - Molecular functioni

rRNA binding Source: UniProtKB-HAMAP

structural constituent of ribosome Source: InterPro

tRNA binding Source: UniProtKB-HAMAP

GO - Biological processi

translation Source: UniProtKB-HAMAP

We found also information about the interaction with other structures:

Part of the 30S ribosomal subunit. Forms a loose heterodimer with protein S19.

Forms two bridges to the 50S subunit in the 70S ribosome.

This protein has a subcellular location in the ribosome.

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