

**Name:** hydroxymethylpyrimidine/phosphomethylpyrimidine kinase.

**Function:** "Responsible to catalyze two consecutive steps in the thiamine phosphate biosynthesis pathway, leading to the synthesis of vitamin B1."

Information about this protein was found in Uniprot using the Swissprot number O83153.1. The annotation score is 3 of 5.

**Gene Ontology:**

**Molecular function:** ATP binding; metal ion binding; phosphomethylpyrimidine kinase activity, pyridoxal kinase activity.

**Biological Process:** thiamine biosynthetic process.

**Source:** We compared the information on Uniprot with information on CDD and it matched.

The protein was already very well described in the different databases so it wasn't necessary to realize an alignment.