

**Name:** Primosomal protein N'







**Function:**

Involved in the restart of stalled replication forks. Recognizes and binds the arrested nascent DNA chain at stalled replication forks. It can open the DNA duplex, via its helicase activity, and promote assembly of the primosome and loading of the major replicative helicase DnaB onto DNA.

**Source:**

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

**Regions**

Feature key	Position(s)	Length	Description	Graphical view
Nucleotide binding <sup>i</sup>	156 – 163	8	ATP  UniRule annotation ▼	
Zinc finger <sup>i</sup>	366 – 378	13	C4-type  UniRule annotation ▼	
Zinc finger <sup>i</sup>	393 – 409	17	C4-type  UniRule annotation ▼	

**GO - Molecular function<sup>i</sup>**

GO - Molecular function:

ATP binding Source: UniProtKB-HAMAP

ATP-dependent DNA helicase activity Source: UniProtKB-HAMAP

DNA binding Source: UniProtKB-HAMAP

zinc ion binding Source: UniProtKB-HAMAP

GO - Biological process:

DNA replication, synthesis of RNA primer Source: UniProtKB-KW

DNA unwinding involved in DNA replication Source: UniProtKB-HAMAP

The information obtained is quite short as we have a score of 1 out 5 “-Protein inferred from homology”

The protein is located on the primosome complex.