

Name: zinc transport system ATP-binding protein TroB

Function: This protein belongs to ATP-binding cassette (ABC) domain of metal-type transporters, the main function is transport metallic cations such as zinc and iron.

The protein is part of ATP-driven transport system TroABCD to transport zinc across the cytoplasmic membrane.

Gene Ontology:

Molecular function: ATPase activity; ATP binding.

Biological Process: zinc II ion transport

Source: This protein doesn't have a Swissprot number on NCBI page, so we did the BLAST and obtained an e-value of 0.0 and a Swissprot number: P96117.

We compared the information in CDD about the domain of protein and in Uniprot database, where the protein has an annotation score 2 of 5. All the information matched so we added the Swissprot number to the annotation.