

Name: zinc ABC transporter permease

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.

This information is from CDD and Uniprot.

Gene Ontology:

Molecular function: ATPase activity, coupled to transmembrane movement of substances; ATP binding.

Biological Process: zinc II ion transport.

Source: This protein didn't have a Swissprot number, so we did the BLAST against Swissprot database, the results was a Swissprot number, P96119, and an e-value=0.0.

We compared the information on Uniprot and CDD and matched, so we added de Swissprot number to the annotation.