

Name: FMN-binding domain-containing protein

Function: This lipoprotein doesn't have a described function.

Kovacs-Simon A. *et al* (2011) believe that lipoprotein, in general, has an important function on bacterial physiology. Like they say the bacterial lipoproteins have been shown a lot of different roles, including: nutrient uptake, signal transduction, adhesion, conjugation, sporulation and transport (ABC transporters).

Gene Ontology:

Cellular component: plasma membrane.

Source: This protein didn't have a Swissprot number, so we did the BLAST against Swissprot database, the results was Swissprot number, P16055, with an e-value= 1.38559e-97.

The Swissprot number refers to the same protein on NCBI so we added the number to the annotation.

The information on both databases is really poor to understand the function of this protein, so we searched in articles to discover and add to the annotation the importance of lipoproteins in bacterial physiology.

Articles:

- Kovacs-Simon, A., Titball, R. W., & Michell, S. L. (2011). Lipoproteins of bacterial pathogens. *Infection and immunity*, 79(2), 548-561.