

[ABSTRACT]

With an object of producing a low molecular mass lipopolysaccharide of high purity at low cost by deposited bacteria that produces the low molecular mass lipopolysaccharide of high purity, a lipopolysaccharide obtained from deposited bacteria obtained by causing a change in the genetic information of conventional *Pantoea agglomerans*, a lipopolysaccharide production method of obtaining the lipopolysaccharide from the deposited bacteria, and a lipopolysaccharide composition that is a pharmaceutical, veterinary drug, quasi drug, cosmetic, food, functional food, feedstuff, fertilizer, or bath agent, etc., in which the lipopolysaccharide is contained are provided.

FIG. 1