


## Native *Bacillus subtilis* LTA Protein

Cat. No. LTA-15B Lot. No. (See product label)


### SPECIFICATION

<b>Product Overview</b>	<p>Lipoteichoic acid from <i>Bacillus subtilis</i>          CAS Number: 56411-57-5          MDL number: MFCD00131526          NACRES: NA.25</p>
<b>Species</b>	<i>Bacillus subtilis</i>
<b>Description</b>	<p>Lipoteichoic acid (LTA) is a complex component of cell walls of Gram-positive bacteria that are involved in a wide range of cell processes such as the stimulation of immune responses and cell signaling pathways. LTA differs between species of gram-positive bacteria. Lipoteichoic acid from <i>Bacillus subtilis</i> may be used to compare its structure, immunogenicity and functions versus other bacterial LTAs.</p> <p>Lipoteichoic acid (LTA) is a teichoic acid attached to a lipid abundant on Gram-positive bacteria cell wall. LTA is a pathogen-associated molecular-patterns (PAMP) recognized by Toll-like receptor 2 (TLR2), This recognition leads to the activation of NF-kB.</p>
<b>Form</b>	Lyophilized powder
<b>Storage</b>	2-8 centigrade
<b>Shipping</b>	Ambient

### GENE INFORMATION


 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>Official Symbol</b>	LTA
<b>Synonyms</b>	Lipoteichoic acid; LTA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA