

Native *Bacillus subtilis* LTA Protein

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

SPECIFICATION

Product Overview	Lipoteichoic acid from <i>Bacillus subtilis</i> CAS Number: 56411-57-5 MDL number: MFCD00131526 NACRES: NA.25
Species	<i>Bacillus subtilis</i>
Description	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. 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.
Form	Lyophilized powder
Storage	2-8 centigrade
Shipping	Ambient

GENE INFORMATION

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Official Symbol	LTA
Synonyms	Lipoteichoic acid; LTA