

Datasheet for ABIN935199 **Bacillus anthracis Protein**



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Overview

Quantity:	100 µg
Target:	Bacillus anthracis
Origin:	Bacillus anthracis
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Characteristics:	Purified recombinant Bacillus Anthracis (Anthrax) protein (Lethal Antigen)
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Target Details

Target:	Bacillus anthracis
Target Type:	Bacteria

Background: One of the three protein components of Anthrax toxin, protective antigen (PA) is the central moiety that mediates the entry of lethal factor and edema factor into the target cell. PA binds to the cell surface via a type I membrane protein with a von Willebrand factor A domain called anthrax toxin receptor. After proteolytic activation to a 63 kDa fragment, PA self-associates to form a heptameric cation-selective, voltage-gated membrane channel.

Alternative Names: Bacillus Anthracis Protein, Recombinant B Anthracis , Anthrax Protein, Bacillus Anthracis Lethal Antigen Recombinant Protein

Molecular Weight:	83 kDa
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Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from 50 mM NaCl, 0 mM HEPES, pH 7.5.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C

Storage Comment: Store at 4 °C.