CPB2 Toxoid

Datasheet, Version 2/2016

protean
Forefront of Biotechnology

Catalog #	1263
Synonyms	Clostridium perfringens toxin beta2
Type	Recombinant
Source	E. coli
Species	Clostridium perfringens
Tag	GST
Form	Liquid
Purity	>95% by SDS PAGE
Shipping	Ice pack

Introduction

Genetically modified nontoxic form of Clostridium perfringens toxin beta. Produced as toxoid with identical antigenic structures as wild type toxin in E. coli as recombinant GST-fusion protein.

Description

Beta2 toxin (CPB2) is widely reported as a potential contributor to C. perfringens related enteric diseases. It has no significant homology with beta toxin or other known bacterial toxins. CPB2 acts as a potential pore-forming toxin similar to other enterically-active clostridial toxins. The toxin was shown to be highly susceptible to proteolytic cleavage by trypsin.

Application

ELISA, Western blot, vaccine development

Purification method

Affinity chromatography

Formulation

PBS solution 1 mg/ml, contains 10 mM glutation.

Storage

-80C

Analyte specific reagent (ASR) manufactured under ISO 13485.
Country of origin: Czech Republic

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