

Product datasheet

Natural *B. pertussis* Pertussis toxin protein ab63830

画像数 2

製品の概要

製品名	Natural <i>B. pertussis</i> Pertussis toxin protein
タンパク質長	Full length protein

製品の詳細

由来	Native
由来	Native
アミノ酸配列	
生物種	<i>Bordetella pertussis</i>
配列の追加情報	Pertussis toxin protein consists of one molecule of each subunit 1 (26 kDa), subunit 2 (22 kDa), subunit 3 (22 kDa), subunit 5 (12 kDa) and two molecules of subunit 4 (12 kDa).

特性

Our [Abpromise guarantee](#) covers the use of **ab63830** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	SDS-PAGE
	Functional Studies

製品の状態	Liquid
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備考

ab63830 can be used for: 1. Studies on signal transduction by the trimeric GTP-binding proteins. 2. Therapeutic role in treating a number of diseases including hypertension, viral inhibition, and autoimmune inhibition.

前処理および保存

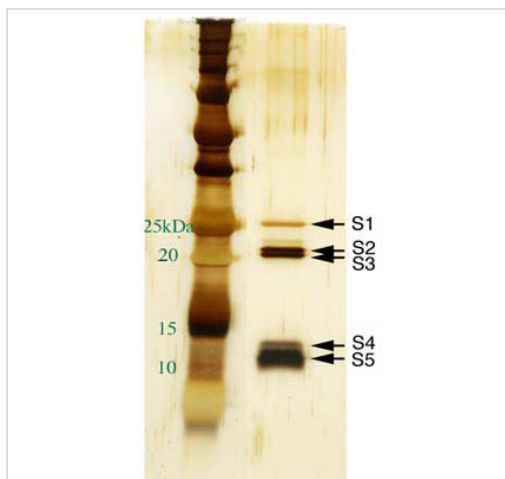
保存方法および安定性	Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. pH: 7.40 Constituents: 0.0268% PBS, 10% Glycerol, 0.8% Sodium chloride
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## 関連情報

**関連性** Pertussis toxin (PT) is a protein-based AB5-type exotoxin produced by *Bordetella pertussis*. PT catalyzes the ADP-ribosylation of the alpha subunits of the heterotrimeric guanine nucleotide regulatory proteins G<sub>i</sub>, G<sub>o</sub>, and G<sub>t</sub> and prevents intracellular signal transduction by preventing the G proteins from interacting with G protein-coupled receptors on the cell membrane. PT consists of one molecule each of S1 (26 kDa), S2 (22 kDa), S3 (22 kDa), S5 (12 kDa) and two molecules of S4 (12 kDa).

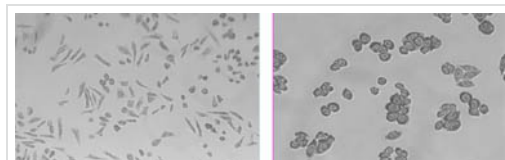
**細胞内局在** Secreted

## 画像



ab63830 on SDS-PAGE.

SDS-PAGE - Pertussis toxin protein (ab63830)



Functional Studies - Pertussis toxin protein (ab63830)

Left Panel: Control CHO cell culture without Pertussis Toxin. Right Panel: CHO cells treated with Pertussis Toxin at 0.1 ng/ml in the culture medium for 17 hr at 37°C.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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