

Product datasheet

Recombinant Kaliotoxin1 protein ab57664

製品の概要

製品名	Recombinant Kaliotoxin1 protein
タンパク質長	Full length protein

製品の詳細

由来	Recombinant
由来	Escherichia coli
アミノ酸配列	
生物種	Androctonus mauritanicus
配列	GVEINVKCSG SPQCLKPCKD AGMRFGKCMN RKCHCTP Molecular Formula : C <sub>165</sub> H <sub>271</sub> N <sub>53</sub> O <sub>48</sub> S <sub>8</sub>

特性

Our [Abpromise guarantee](#) covers the use of **ab57664** in the following tested applications.  
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

製品の状態	Lyophilised
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前処理および保存

保存方法および安定性	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
再構成	Dissolve 1 µg in 0.24 ml of any conventional buffer for a stock solution of 1µM.

関連情報

関連性	Kaliotoxin1 was originally isolated from the venom of the scorpion <i>Androctonus mauretanicus mauretanicus</i> . It belongs to the α-KTX-3.1 scorpion toxin family, having three disulfide bridges. Kaliotoxin1 is a potent inhibitor of large conductance Ca <sup>2+</sup> -activated K <sup>+</sup> -channels (KCa1.1) and blocks voltage-dependent K <sup>+</sup> -channels, mainly Kv 1.1, Kv1.2 and Kv1.3. It also binds to the dendrotoxin sensitive voltage-dependent potassium channel.
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### **Our Abpromise to you: Quality guaranteed and expert technical support**

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.co.jp/abpromise> or contact our technical team.

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