

## Product datasheet

# Recombinant Rabbit Troponin I fast skeletal muscle protein ab9919

## 1 References

### Description

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<b>Product name</b>	Recombinant Rabbit Troponin I fast skeletal muscle protein
<b>Expression system</b>	Native
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Rabbit
<b>Predicted molecular weight</b>	21 kDa

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab9919** in the following tested applications.

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

<b>Form</b>	Liquid
<b>Additional notes</b>	Rabbit Skeletal Muscle Troponin-I

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. pH: 7.40 Constituents: 48% Urea, 0.117% Beta mercaptoethanol, 0.79% Tris HCl, 0.0292% EDTA, 0.58% Sodium chloride
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### General Info

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<b>Function</b>	Troponin I is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity.
<b>Involvement in disease</b>	Defects in TNNI2 are a cause of distal arthrogyrosis type 2B (DA2B) [MIM:601680]; also known as arthrogyrosis multiplex congenita, distal, type 2B (AMCD2B). DA2B is a form of inherited multiple congenital contractures. Affected individuals have vertical talus, ulnar deviation in the

hands, severe camptodactyly, and a distinctive face characterized by a triangular shape, prominent nasolabial folds, small mouth and a prominent chin.

### **Sequence similarities**

Belongs to the troponin I family.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- We provide support in Chinese, English, French, German, Japanese and Spanish
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