

## Datasheet for ABIN934829 Tropomyosin Protein



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### Overview

Quantity:	100 µg
Target:	Tropomyosin (TPM1)
Origin:	Human
Source:	Human
Protein Type:	Native

### Product Details

Characteristics:	Purified native Human Tropomyosin protein Protein Source: Human cardiac tissue
Purity:	> 95 % pure

### Target Details

Target:	Tropomyosin (TPM1)
Alternative Name:	Tropomyosin ( <a href="#">TPM1 Products</a> )
Background:	<p>Tropomyosin is an actin-binding protein that regulates actin mechanics. It is important, among other things, for muscle contraction. Tropomyosin, along with the troponin complex, associate with actin in muscle fibers and regulate muscle contraction by regulating the binding of myosin. In resting muscle, tropomyosin overlays the myosin binding sites on actin, with a single tropomyosin molecule spanning 7 actin subunits, and is locked down in this position by troponin T (tropomyosin binding troponin) and troponin I (inhibitory troponin).</p> <p>Description: Human cardiac tissue.</p>
Pathways:	<a href="#">Regulation of Actin Filament Polymerization</a>

## Application Details

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

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Restrictions: For Research Use only

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## Handling

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Buffer: 10 mM TRIS-HCl, pH 7.4, with 50 mM NaCl, 5 mM beta-mercaptoethanol and 5 mM EDTA.

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Handling Advice: Avoid repeated freeze/thaw cycles.

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Storage: 4 °C/-20 °C

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Storage Comment: Store at 4 °C for short term storage. Aliquot and store at -20 °C for long term storage.