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## Datasheet for ABIN935839 **Troponin T Protein (Tn T)**

### Overview

Quantity: 100 µg

Target: Troponin T (Tn T)

Origin: Human

Source: Human

Protein Type: Native

### Product Details

Characteristics: Purified native Human Troponin T protein (Skeletal Muscle)  
Protein Source: Human skeletal muscle

Purity: > 95 % pure

### Target Details

Target: Troponin T (Tn T)

Alternative Name: Troponin T ([Tn T Products](#))

Background: Troponin T is a part of the troponin complex. It binds to tropomyosin, interlocking them to form a troponin-tropomyosin complex. Troponin T binds to tropomyosin and helps position it on actin. It also modulates contraction of striated muscle. The tissue specific subtypes are slow skeletal troponin T1, cardiac troponin T2, and fast skeletal troponin T3.

Description: Human skeletal muscle.

## 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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Format: Lyophilized

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Reconstitution: Reconstitute with Urea Tris buffer, pH7.5, (7 M Urea, 7 M EDTA, 17 M mercaptoethanol, 27 M Tris).

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Buffer: Supplied as a lyophilized powder.

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Precaution of Use: Donor samples were tested and found to be negative for HBsAg, HIV-1 and HIV-2 antibodies, HCV, and syphilis. Nonetheless caution should be used when handling this material as there is a margin of error in all tests.

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Handling Advice: Avoid repeated freeze/thaw cycles.

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Storage: -20 °C/-80 °C

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Storage Comment: Aliquot and store at -20 °C for short term storage, -70 °C for long-term storage.

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