

## 32-9543: Recombinant Human TNNI3 protein/Troponin I type 3(N-6His)(Discontinued)

**Alternative Name :** CMH7; TNNC1; TNNI3; Troponin I

### Description

Source : E. coli;

TNNI3 protein, also known as Troponin I type 3, is a 24 kDa component of a protein complex on striated muscle thin filaments. It inhibits the calcium-dependent muscle contraction mediated by Troponins C and T. The expression of cardiac Troponin I (TNNI3) is restricted to cardiac muscle, while TNNI1 and TNNI2 (encoded by distinct genes) are expressed in skeletal muscle. It regulates the smooth muscle contraction and systemic arterial blood pressure by ischemic conditions. Human cardiac Troponin I shares 93% amino acid sequence identity with mouse and rat cardiac Troponin I.

### Product Info

**Amount :** 500 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of PBS,2mM EDTA, 5% Trehalose, PH7.4.

**Amino Acid :** Recombinant Human Troponin I type 3 is produced by our E.coli expression system and the target gene encoding Met1-Ser210 is expressed with a 6His tag at the N-terminus.