

Datasheet for ABIN667741

Troponin T Protein (Tn T) (AA 1-285) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Troponin T (Tn T)
Protein Characteristics:	AA 1-285
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Troponin T protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	Troponin T, 1-285 aa, Human, His-tagged, Recombinant, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	Troponin T (Tn T)
Alternative Name:	Troponin T (Tn T Products)
Background:	Troponin T, also known as TNNT2, is the tropomyosin-binding subunit of the troponin complex, which is located on the thin filament of striated muscles and regulates muscle contraction in response to alterations in intracellular calcium ion concentration. Mutations in this gene have been associated with familial hypertrophic cardiomyopathy as well as with restrictive and dilated cardiomyopathy. Recombinant human TNNT2 protein, fused to His-tag at N-terminus,

Target Details

was expressed in E.coli and purified by using conventional chromatography. Synonyms: Troponin T type 2, cardiac isoform 3, CMH2, CMPD2, cTnT, RCM3, TnTC, Troponin T type 2, cardiac isoform 3 Cardiac muscle troponin T, MGC3889, TNNT 2, TNNT2, Cardiomyopathy hypertrophic 2, Cardiomyopathy dilated 1D (autosomal dominant), CMD1D, Troponin T cardiac muscle, Troponin T type 2 (cardiac), Troponin T type 2 cardiac, Troponin T2 cardiac. NCBI no.: NP_001001431

Molecular Weight: 36.4 kDa (305aa), confirmed by MALDI-TOF.

Application Details

Restrictions: For Research Use only

Handling

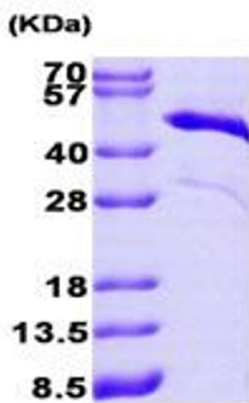
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Storage: 4 °C

Images



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.