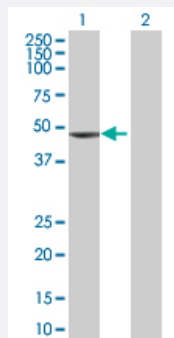


TNNT2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00007139-T01

Size 100 uL

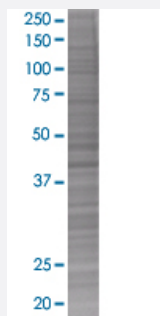
Applications



Western Blot

Lane 1: TNNT2 transfected lysate (35.6 KDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

TNNT2 transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-TNNT2 full-length
Host	Human
Theoretical MW (kDa)	32.56
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-TNNT2 antibody (H00007139-B01) by Western Blots. Western Blot Lane 1: TNNT2 transfected lysate (35.6 KDa) Lane 2: Non-transfected lysate. SDS-PAGE Gel TNNT2 transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — TNNT2

Entrez GeneID	7139
GeneBank Accession#	NM_000364
Protein Accession#	NP_000355
Gene Name	TNNT2
Gene Alias	CMH2, CMPD2, MGC3889, RCM3, TnTC, cTnT
Gene Description	troponin T type 2 (cardiac)
Omim ID	115195 191045 601494
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene 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 dilated cardiomyopathy. Transcripts for this gene undergo alternative splicing that results in many tissue-specific isoforms, however, the full-length nature of some of these variants has not yet been determined. [provided by RefSeq]
Other Designations	OTTHUMP00000033864 OTTHUMP00000033867 cardiomyopathy, dilated 1D (autosomal dominant) cardiomyopathy, hypertrophic 2 troponin T type 2, cardiac troponin T, cardiac muscle troponin T2, cardiac

Pathway

- [Cardiac muscle contraction](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)

Disease

- [Cardiomegaly](#)
- [Cardiomyopathies](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Death](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertrophy](#)
- [Lipid Metabolism](#)
- [Mitochondrial Myopathies](#)
- [Tachycardia](#)