

## Recombinant Human Cardiac muscle troponin T (Human cTnT)

### Product Information

Product Name	Cat#	Size
	92577ES08	5 µg
Recombinant Human Cardiac muscle troponin T (Human cTnT)	92577ES60	100 µg
	92577ES76	500 µg

### Product Description

Troponin T is one of three troponin isoforms found in the tropomyosin-troponin complex. This complex is responsible for the calcium sensitivity of the contractile apparatus in the muscle. Cardiac Troponin T is used as a biological marker for cardiomyocytes and its level in serum is frequently used as an indicator of myocardial cell injury.

### Product Properties

<b>Synonyms</b>	CMD1D; CMH2; CMPD2
<b>Accession</b>	P45379
<b>GeneID</b>	7139
<b>Source</b>	E.coli-derived Human cTnT, Ser2-Lys298.
<b>Molecular Weight</b>	Approximately 35.8 kDa.
<b>AA Sequence</b>	SDIEEVVEEY EEEEQEAAV EEEEDWREDE DEQEAAEED AEAEAETEET RAEDEEEEEE AKEAEDGPME ESKPKPRSFM PNLVPPKIPD GERVDFDDIH RKRMEKDLNE LQALIEAHFE NRKKEEEELV SLKDRIERRR AERAEQQRIR NEREKERQNR LAERARREE EENRRKAEDE ARKKKALSNM MHFGGYIQKQ AQTERKSGKR QTEREKKKKI LAERRKVLAI DHLNEDQLRE KAKELWQSIY NLEAEKFDLQ EKFKQQKYEI NVLRNRINDN QKVSCTRGA KVTGRWK
<b>Tag</b>	None
<b>Physical Appearance</b>	Sterile colorless liquid.
<b>Purity</b>	> 98 % by SDS-PAGE and HPLC analyses.
<b>Biological Activity</b>	Data not available.
<b>Endotoxin</b>	< 1.0 EU per 1µg of the protein by the LAL method.
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution in 10 mM Tris-HCl, pH8.0, 250 mM NaCl, with 50% glycerol.

### Shipping and Storage

The products are shipped with ice pack and can be stored at -20°C to -80°C for 1 year.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

### Cautions

1. Avoid repeated freeze-thaw cycles.
2. For your safety and health, please wear lab coats and disposable gloves for operation.
3. For research use only!